

# 2019 Artificial Intelligence (AI) Resources

By

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<http://www.searchingtheinternet.info/>

The October 2018 Zillman Column features **2019 Artificial Intelligence (AI) Resources** is a comprehensive listing of artificial intelligence sources and sites on the Internet. The below list of sources is taken from my Subject Tracer™ Information Blog titled Artificial Intelligence Resources 2019 and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.AIResources.info/>

These resources and sources will help you to discover the many pathways available through the Internet to find the latest artificial intelligence resources, sources and sites. As this site is constantly updated it would be to your benefit to bookmark and return to the above URL frequently.

## **2019 Artificial Intelligence (AI) Resources:**

**22 Experts Predict How Artificial Intelligence Will Impact the Enterprise Workplace by Rakesh Reddy**

<http://acuvate.com/blog/22-experts-predict-artificial-intelligence-impact-enterprise-workplace/>

**3 Machine Learning Algorithms You Need to Know by Eleni Markou**

<https://dzone.com/articles/3-machine-learning-algorithms-you-need-to-know>

**4 Ways Artificial Intelligence Will Change Just About Everything**

<http://www.business2community.com/brandviews/salesforce/4-ways-artificial-intelligence-will-change-just-everything-01622417#7BUdk8QzRwIxYIcD.97>

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## **5 Free Courses for Getting Started in Artificial Intelligence**

<https://www.kdnuggets.com/2017/02/5-free-courses-getting-started-artificial-intelligence.html>

## **5 Ways How Artificial Intelligence Are Transforming Social Media by Biplab Ghosh**

<http://knowstartup.com/2017/10/5-ways-ai-transforming-social-media/>

## **6 AI-Powered Tools All Entrepreneurs Need To Run Their Business by Artur Kiolian**

<https://www.entrepreneur.com/article/298628>

## **7 Factors Driving the Artificial Intelligence Revolution**

<http://singularityhub.com/2016/08/29/7-factors-driving-the-artificial-intelligence-revolution/>

## **8 AI and Data Science Buzzwords Marketers Need To Know Now by Tim Hoolihan**

<http://www.business2community.com/marketing/8-ai-data-science-buzzwords-marketers-need-know-now-01929856#mM0qro7kq56uLUYu.97>

## **10 Successful Applications Of AI In Business**

<https://www.forbes.com/sites/williamfalcon/2018/07/31/10-successful-applications-of-ai-in-business/>

## **12 AI Quotes Everyone Should Read by Bernard Marr**

<https://www.forbes.com/sites/bernardmarr/2017/09/22/12-ai-quotes-everyone-should-read/>

## **14 Incredible Artificial Intelligence Pioneers Everyone Should Know About**

<https://www.forbes.com/sites/bernardmarr/2018/07/09/14-incredible-artificial-intelligence-pioneers-everyone-should-know-about/>

## **30 Free Resources for Machine Learning, Deep Learning, NLP and AI**

<https://www.kdnuggets.com/2018/06/30-free-resources-machine-learning-deep-learning-nlp-ai.html>

## **A Beginner's Guide to AI: Algorithms**

<https://thenextweb.com/artificial-intelligence/2018/08/02/a-beginners-guide-to-ai-algorithms/>



**About Intelligence**

<http://www.aboutintelligence.co.uk/>

**Adaptive Artificial Intelligence**

<http://adaptiveai.com/>

**AI2 - Allen Institute for Artificial Intelligence**

<http://allenai.org/>

**AI Access Foundation**

<https://www.jair.org/aiaf.html>

**AI Dreams - Forum for the Discussion of Artificial Intelligence and Linked Materials Such as Robotics, Character Design, Movies and New Technology**

<http://www.aidreams.co.uk/>

**AI Education Repository [Site no longer Maintained]**

<http://www.cs.cofc.edu/~manaris/ai-education-repository/>

**AI FAQ Index**

<http://www.faqs.org/faqs/ai-faq/>

**AI Genealogy Project**

<http://content.iospress.com/articles/ai-communications/aic371>

**AI Impacts**

<http://aiimpacts.org/>

**AI Influencers 2017 – Top 30 People In AI You Should Follow on Twitter**

<https://www.ibm.com/blogs/watson/2017/02/ai-influencers-2017-top-25-people-ai-follow-twitter/>

**AI in Law and Legal Practice – A Comprehensive View of 35 Current Applications**

<https://www.techemergence.com/ai-in-law-legal-practice-current-applications/>

**AI is Now the Best Friend IT Ever Had by Abbas Haider Ali**

<https://venturebeat.com/2017/04/08/ai-is-now-the-best-friend-it-ever-had/>



**AI Knowledge Map: How To Classify AI Technologies**

<https://www.forbes.com/sites/cognitiveworld/2018/08/22/ai-knowledge-map-how-to-classify-ai-technologies/>

**AIML – Artificial Intelligence Markup Language**

<http://www.alicebot.org/>

**AI Now Institute**

<https://ainowinstitute.org/>

**AI on the Web**

<http://aima.cs.berkeley.edu/books.html>

**AI Predicts Side Effects for Millions of Drug Combos**

<https://www.futurity.org/artificial-intelligence-drug-combinations-1808212/>

**AI Repositories and Resource Lists**

<http://www.cs.cmu.edu/afs/cs.cmu.edu/project/ai-repository/ai/html/other/repositories.html>

**AI Resources**

<http://AIResources.org/>

**AI Resources – Association for the Advancement of Artificial Intelligence**

<http://www.aaai.org/Resources/resources.php>

**AISB - The Society for the Study of Artificial Intelligence and the Simulation of Behaviour**

<http://www.aisb.org.uk/>

**AI Topics**

<http://aitopics.org/>

**AI Weekly**

<http://aiweekly.co/>



**Alan Turing Institute Provides AI Startups with Opportunity to Collaborate with Researchers**

<https://www.computerweekly.com/news/252447070/Alan-Turing-Institute-provides-AI-startups-with-opportunity-to-collaborate-with-researchers>

**AlchemyLanguage**

<https://alchemy-language-demo.mybluemix.net/>

**Algorithm Beats Humans for Sniffing Out Fake News**

<https://www.futurity.org/fake-news-detecting-algorithm-1844942/>

**Algorithmia - Enabling AI In Every Application**

<https://algorithmia.com/>

**Algorithms, Automation and News**

<http://www.algorithmic.news/>

**Amazon AI - Bringing Powerful Artificial Intelligence and Machine Learning To All Developers**

<https://aws.amazon.com/amazon-ai/>

**An Absolute Beginner's Guide To Machine Learning, Deep Learning and AI**

<https://www.techinasia.com/ai-machine-deep-learning>

**An AI Lab in a Library**

<https://americanlibrariesmagazine.org/blogs/the-scoop/ai-lab-library/>

**American Association for Artificial Intelligence (AAAI)**

<http://www.aaai.org/>

**Amzi!**

<http://www.amzi.com/>

**AO - Brings People and Artificial Intelligence Together To Run the Best Adword Campaign**

<http://aointelligence.com/index.php>

**api.ai – DialogFlow Speech Interface for Apps and Devices**

<http://api.ai/>



### **Applied Soft Computing**

<http://www.sciencedirect.com/science/journal/15684946>

### **Appreciative Inquiry Commons**

<http://appreciativeinquiry.case.edu/>

### **Aristo - Answer Questions with a Knowledgeable Machine**

<https://allenai.org/aristo/>

### **Artificial General Intelligence Is Here, and Impala Is Its Name - ExtremeTech**

<https://www.extremetech.com/extreme/275768-artificial-general-intelligence-is-here-and-impala-is-its-name>

### **Artificial Intelligence: A Modern Approach**

<http://aima.cs.berkeley.edu/>

### **Artificial Intelligence and Future Scenarios**

<https://frankdiana.net/2016/08/03/artificial-intelligence-and-future-scenarios/>

### **Artificial Intelligence App**

[http://www.appszoom.com/android\\_applications/education/artificial-intelligence\\_fxkxu.html](http://www.appszoom.com/android_applications/education/artificial-intelligence_fxkxu.html)

### **Artificial Intelligence By Jonathan Crowhurst**

<http://web.freepint.com/go/newsletter/164#tips>

### **Artificial Intelligence for Executives: Integrating AI Into Your Organization**

<https://www.techrepublic.com/resource-library/whitepapers/artificial-intelligence-for-executives-integrating-ai-into-your-organization/>

### **Artificial Intelligence – Game Changing AI Innovations**

<https://www.accenture.com/us-en/artificial-intelligence-index>

### **Artificial Intelligence Graduate Certificate**

<http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226717>

### **Artificial Intelligence Markup Language (AIML)**

<https://en.wikipedia.org/wiki/AIML>



**Artificial Intelligence Podcast**

<http://a16z.com/2015/11/15/artificial-intelligence/>

**Artificial Intelligence vs Machine Learning vs Deep Learning by Dawn Parzych**

<https://dzone.com/articles/the-differences-between-ai-and-ml>

**Artificial Intelligence – Wikipedia**

[https://en.wikipedia.org/wiki/Artificial\\_intelligence](https://en.wikipedia.org/wiki/Artificial_intelligence)

**Artificial Intelligence Will Speak Its Own Language – Soon**

<https://medium.com/@ScienceEditor/artificial-intelligence-will-speak-its-own-language-soon-411eb13a1aeb>

**Artificially Intelligent: A Brief Glossary of the Ideas Behind AI**

<http://www.cnet.com/news/artificially-intelligent-a-brief-glossary-of-the-ideas-behind-ai/>

**Association for Uncertainty in Artificial Intelligence (AUAI)**

<http://www.auai.org/>

**Auditing Algorithms: Adding Accountability to Automated Authority**

<http://auditingalgorithms.science/>

**AutoStitch - A New Dimension In Automatic Image Stitching**

<http://cs.bath.ac.uk/brown/autostitch/autostitch.html>

**A Visual Introduction to Machine Learning**

<http://www.r2d3.us/visual-intro-to-machine-learning-part-1>

**Awesome Machine Learning for Cyber Security**

<https://github.com/jivoi/awesome-ml-for-cybersecurity>

**Babel - A Language for Talking To Computers**

<http://babelproject.com/>

**Beagle - AI Contract Analysis and Productivity Tool**

<http://beagle.ai/>

**Beautiful AI - Fresh Way To Build Presentations**

<https://www.beautiful.ai/>



**Benchmarking CrunchBases's Top 25 Artificial Intelligence Startups**

<http://www.forbes.com/sites/louiscolombus/2016/06/22/benchmarking-crunchbases-top-25-artificial-intelligence-startups/#3932225a69fd>

**Bibliographies on Artificial Intelligence**

<http://iinwww.ira.uka.de/bibliography/Ai/>

**Bot and Intelligent Agent Research**

<http://www.BotResearch.info/>

**BRAIN: Broad Research in Artificial Intelligence and Neuroscience**

<http://brain.edusoft.ro/index.php/brain>

**Buddy.ai - Artificial Intelligence for Modernized Customer Support**

<http://everbuddy.io/>

**Caffe - Deep Learning Framework**

<http://caffe.berkeleyvision.org/>

**Canada Sets Up \$93 Million Fund To Promote Artificial Intelligence In Its Academies**

<http://www.nearshoreamericas.com/canada-fund-promote-artificial-intelligence/>

**Catalogue of Artificial Intelligence Techniques**

<http://aicat.inf.ed.ac.uk/entry.php?id=554>

**CGAL - Computational Geometry Algorithms Library**

<http://www.cgal.org/>

**Char-RNN**

<https://github.com/karpathy/char-rnn>

**ChatterBots 2018**

<http://www.ChatterBots.info/>

**Cheat Sheet – 10 Machine Learning Algorithms & R Commands**

<http://vitalflux.com/cheat-sheet-10-machine-learning-algorithms-r-commands/>





**Choosing the Right Estimator for Machine Learning Problems**

[http://scikit-learn.org/stable/tutorial/machine\\_learning\\_map/](http://scikit-learn.org/stable/tutorial/machine_learning_map/)

**CIO's Guide to Data Analytics and Machine Learning**

<https://www.techrepublic.com/resource-library/whitepapers/cio-s-guide-to-data-analytics-and-machine-learning/>

**clarke.ai - AI Assistant for Conference Calls**

<https://www.clarke.ai>

**Cloud AutoML Alpha**

<https://cloud.google.com/automl/>

**Clouderizer - Democratizing Deep Learning**

<https://clouderizer.com/>

**CognitiveScale® - Augmented Intelligence Primer**

<https://www.cognitivescale.com/augmented-intelligence-you-can-trust/>

**CognitionX - Community and Directory of All Things AI**

<http://cognitionx.com/>

**Colaboratory - Research Tool for Machine Learning and Research**

<https://research.google.com/colaboratory/>

**Comet - Supercharge Machine Learning**

<https://www.comet.ml/>

**ContusBot - Build Chatbots Super-Charged With Artificial Intelligence**

<https://www.contus.com/>

**Coorsy - Explore Online Courses**

<https://coorsy.com/>

**Cybernetics and Systems Analysis**

<http://link.springer.com/journal/10559>

**DAOstack - Toolkit for Exponential Organizations**

<https://daostack.io/>



**DARPA Pushes for AI That Can Explain its Decisions**  
<https://www.engadget.com/2018/07/23/darpa-third-wave-ai-support/>

**DataRobot - Build Better Predictive Models - Faster**  
<http://www.datarobot.com/>

**Data Mining Resources 2018**  
<http://www.DataMiningResources.info/>

**DatumBox – Machine Learning Framework**  
<http://www.datumbox.com/>

**Deep Learning**  
<http://deeplearning.net/>

**Deep Learning for Java - Open Source, Distributed, Deep Learning Library for the JVM**  
<https://deeplearning4j.org/>

**Deep Learning - The Straight Dope**  
<http://gluon.mxnet.io/>

**Deep Learning Tutorials**  
<http://deeplearning.net/tutorial/>

**Deep Learning Weekly**  
<http://deeplearningweekly.com/>

**DeepMind - World Leader In Artificial Intelligence Research**  
<https://deepmind.com/>

**Digital Leaders - Leadership in a Digital Age**  
<https://digileaders.com/>

**Digital Operating Systems Using Artificial Intelligence, Deep Learning, and Bots for the Small and Medium Size Business - Tools and Resources**  
<http://www.DigitalOperatingSystems.com/>



**Distill - Dedicated To Clear Explanations of Machine Learning**

<https://distill.pub/>

**DL4J Deep Learning for Java - Open-Source Distributed Deep Learning Library for JVM**

<https://deeplearning4j.org/>

**Dreams From Creativity Machines by Imagination Engines and Neural Network Pioneer Dr. Stephen Thaler**

<http://www.Imagination-Engines.com/>

**eBrevia - Intelligent Contract Analysis**

<https://ebrevia.com/>

**Edinburgh University, Informatics and Artificial Intelligence**

<http://www.ed.ac.uk/schools-departments/informatics/>

**Ejenta - Intelligent Agents for Connected Care**

<https://www.ejenta.com/>

**Elzware - Conversational Systems**

<http://www.elzware.com/>

**Encog – Encog Machine Learning Framework**

<http://www.heatonresearch.com/encog>

**Ethics and Governance of Artificial Intelligence**

<https://cyber.harvard.edu/research/ai>

**Eva – Your In-Meeting AI Assistant**

<https://www.voicera.com/>

**EventBots by Sciensio**

<https://www.sciensio.com/eventbots>

**Evolutionary Intelligence**

<http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12065>



**Exploratory - The Third Wave of AI**

<https://exploratory.io/>

**FacebookResearch> Library for Fast Text Representation and Classification**

<https://github.com/facebookresearch/fastText>

**Fairness, Accountability, and Transparency in Machine Learning (FAT ML)**

<https://www.fatml.org/>

**Fast.ai – Making Neural Nets Uncool Again**

<http://www.fast.ai/>

**Feng-GUI - Feng Shui For Graphic User Interfaces™**

<http://www.feng-gui.com/>

**Ferret.ai - With Great Power Comes Great Research**

<http://ferret.ai/>

**FloydHub Is Heroku for Deep Learning (DL)**

<https://www.floydhub.com/>

**Framsticks - Artificial Life - 3D Evolution and Simulation**

<http://www.framsticks.com/>

**Franz, Inc. Web 3.0's database**

<http://www.franz.com/>

**Free Online Directory of Computing (FOLDOC)**

<http://www.foldoc.org/>

**From Man To Machine - Innovation In Automation and Artificial Intelligence**

<http://www.computerscienceonline.org/cutting-edge/automation-ai/>

**From Virtual Nurses To Drug Discovery: 106 Artificial Intelligence Startups In Healthcare**

<https://www.cbinsights.com/research/artificial-intelligence-startups-healthcare>

**Fuzzy.ai - Build Smarter Software**

<https://fuzzy.ai/>

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### **Genetic Algorithms and Artificial Life Resources**

[http://www.doc.ic.ac.uk/~nd/surprise\\_96/journal/vol2/tcw2/article2.html](http://www.doc.ic.ac.uk/~nd/surprise_96/journal/vol2/tcw2/article2.html)

### **Genus AI - Activate, Engage and Understand Your Customers**

<https://genus.ai/>

### **Gnod - Experimental AI Self Adapting System**

<http://www.gnod.net/>

### **GROBID**

<https://github.com/kermitt2/grobid>

### **H2O.ai - Empowering Businesses To Use Artificial Intelligence**

<https://www.h2o.ai/>

### **Hendrix - The No-Brainer Way To Have More Effective Meetings**

<https://hendrix.ai/>

### **Heuristics and Artificial Intelligence in Finance and Investment [Book]**

<http://aiinfinance.com/>

### **How Is AI Used In Healthcare - 5 Powerful Real-World Examples That Show The Latest Advances**

<https://www.forbes.com/sites/bernardmarr/2018/07/27/how-is-ai-used-in-healthcare-5-powerful-real-world-examples-that-show-the-latest-advances/>

### **How To Accelerate Value Creation Through Artificial Intelligence**

<https://www.forbes.com/sites/peterbendorsamuel/2017/04/12/how-to-accelerate-value-creation-through-artificial-intelligence/>

### **How To Learn About The Future Of Artificial Intelligence And Work Without Leaving Your Office**

<https://www.forbes.com/sites/laurencoleman/2018/07/17/how-to-learn-about-the-future-of-artificial-intelligence-and-work-without-leaving-your-office/>

### **Hulbee - Intelligent Answer Engine**

<https://hulbee.com/>



**IBM Artificial Intelligence – Watson APIs and Solutions**

<https://www.ibm.com/watson/>

**IBM Watson Services**

<https://www.ibm.com/watson/products-services/>

**Imagination-Engines**

<http://www.Imagination-Engines.com/>

**Import AI – Newsletter About AI Archives**

<https://us13.campaign-archive.com/home/?u=67bd06787e84d73db24fb0aa5&id=6c9d98ff2c>

**Index of Best AI/Machine Learning Resources**

<https://hackernoon.com/index-of-best-ai-machine-learning-resources-71ba0c73e34d>

**Institute for Human and Machine Cognition (IHMC)**

<http://www.ihmc.us/>

**Intelligence On Demand**

<https://heatintelligence.com/>

**Interesting AI Demos and Projects**

<http://pages.cs.wisc.edu/~dyer/cs540/demos.html>

**International Association of Artificial Intelligence and Law (IAAIL)**

<http://www.iaail.org/>

**International Journal on Artificial Intelligence Tools (IJAIT)**

<http://www.worldscientific.com/worldscinet/ijait>

**Introduction to TensorFlow Lite**

<https://www.tensorflow.org/mobile/tflite/>

**Iris.ai - Free Interactive Mosaic of Related Research Papers**

<https://the.iris.ai/>

**Java Applets for Neural Network and Artificial Life**

<http://staff.aist.go.jp/utsugi-a/Lab/Links.html>



**Journal of Artificial Intelligence Research**

<http://www.jair.org/>

**Journal of Artificial Societies and Social Simulation**

<http://jasss.soc.surrey.ac.uk/JASSS.html>

**Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR)**

<http://jinr.site.uottawa.ca/>

**Journal of Machine Learning Research**

<http://www.jmlr.org/>

**Kaggle - Home of Data Science and Machine Learning**

<https://www.kaggle.com/>

**Keras: The Python Deep Learning Library**

<https://keras.io/>

**KurzweilAI.net – Accelerating Intelligence**

<http://www.kurzweilai.net/>

**Latest News Stories on Artificial Intelligence and Machine Learning**

<http://into.ai/news-stories/>

**Let's Take an In-Depth Look at Current Advances in Artificial Intelligence by Trevor English**

<http://interestingengineering.com/in-depth-look-at-current-advances-artificial-intelligence/>

**List of the Best Resources to Learn the Foundations of Artificial Intelligence**

<https://medium.com/@rayalez/list-of-the-best-resources-to-learn-the-foundations-of-artificial-intelligence-934dbce5939>

**Logic Programming Associates - LPA**

<http://www.lpa.co.uk>



**Lumen5 - A.I. Powered Video Creation Platform That Turns Blog Posts Into Engaging Videos**

<https://lumen5.com/>

**LYREBIRD - New Generation of Speech Synthesis Technology**

<https://lyrebird.ai/>

**Machine Learning Algorithm Cheat Sheet for Microsoft Azure Machine Learning Studio**

<https://azure.microsoft.com/en-in/documentation/articles/machine-learning-algorithm-cheat-sheet/>

**Machine Learning Cheat Sheet**

<http://eferm.com/machine-learning-cheat-sheet/>

**Machine Learning Cheat Sheet**

<https://github.com/soulmachine/machine-learning-cheat-sheet>

**Machine Learning for Humans**

<https://medium.com/machine-learning-for-humans/why-machine-learning-matters-6164faf1df12>

**Machine Learning from Scratch**

<https://github.com/eriklindernoren/ML-From-Scratch>

**Machine Learning Yearning by Andrew Ng**

[https://gallery.mailchimp.com/dc3a7ef4d750c0abfc19202a3/files/0d2d4a3b-96ab-4a8e-aa15-9320a70852b8/NG\\_MLY01\\_10.pdf](https://gallery.mailchimp.com/dc3a7ef4d750c0abfc19202a3/files/0d2d4a3b-96ab-4a8e-aa15-9320a70852b8/NG_MLY01_10.pdf)

**Machine Translation**

<http://link.springer.com/journal/10590>

**Making a Sense of AI**

<https://www.techrepublic.com/resource-library/whitepapers/making-a-sense-of-ai/>

**Mallet - MACHine Learning for Language Toolkit**

<http://mallet.cs.umass.edu/>





**Microsoft and Amazon Unveil Gluon to Help Developers Adopt Machine Learning  
by Blair Hanley Frank**

<https://venturebeat.com/2017/10/12/microsoft-and-amazon-unveil-gluon-to-help-developers-adopt-machine-learning/>

**Microsoft Cognitive Toolkit**

<https://www.microsoft.com/en-us/cognitive-toolkit/>

**MindMeld - Advanced Artificial Intelligence To Power the New Generation of  
Intelligent Conversational Interfaces**

<https://www.mindmeld.com/>

**Minds and Machines**

<http://link.springer.com/journal/11023>

**MIRI - Machine Intelligence Research Institute**

<https://intelligence.org/>

**MIT AI Lab Research Projects**

<http://www.csail.mit.edu/research/>

**MIT Made an Image Editing AI That Can Replace the Background in any Image**

<https://thenextweb.com/artificial-intelligence/2018/08/21/mit-made-an-image-editing-ai-that-can-replace-the-background-in-any-image/>

**MOA (Massive Online Analysis)**

<http://moa.cms.waikato.ac.nz/>

**Motion AI - Artificial Intelligence Made Easy**

<http://motion.ai/>

**Mycroft AI - Open Source Voice Assistant**

<https://mycroft.ai/>

**Natural Computing: An International Journal**

<http://link.springer.com/journal/11047>

**Neurence - Intelligent Information Platform**

<http://www.neurence.com/>



**Neuron AI Directory: Artificial Intelligence Resources**

<http://www.neuron.co.uk/>

**Neuroph - Java Neural Network Framework**

<http://neuroph.sourceforge.net/>

**Nielsen Launches Artificial Intelligence Tech by Mark K. Miller**

<http://www.tvnewscheck.com/article/102956/nielsen-launches-artificial-intelligence-tech>

**Notion – Trove Connecting People Has Never Been So Simple**

<https://notion.ai/>

**nTeligence – Cognitive Computing Specialists**

<http://www.nteligence.com/index.html>

**Okela - Answers To Your Questions with AI**

<https://okela.net/>

**OpenAI**

<http://sourceforge.net/projects/openai/>

<http://openai.sourceforge.net/>

**OpenAI Baselines: DQN**

<https://blog.openai.com/openai-baselines-dqn/>

**OpenCyc - Open Source General KnowledgeBase and Commonsense Reasoning Engine**

<http://www.cyc.com/cyc/opencyc>

**Pandorabots**

<https://home.pandorabots.com/en/>

**Partnership on Artificial Intelligence**

<https://www.partnershiponai.org/>

**Pascal Costanza's Highly Opinionated Guide to Lisp**

<http://p-cos.net/lisp/guide.html>



**PCAI Artificial Intelligence Magazine**

<http://www.pcai.com/>

**PCAI Artificial Intelligence Yahoo Groups Mailing List**

<http://groups.yahoo.com/neo/groups/pcai/info>

**Pefin - The World's First AI Financial Advisor**

<https://www.pefin.com/>

**pienso - Machine Learning for Non-Programmers**

<http://pienso.com/>

**Positively Shaping Development of Artificial Intelligence**

<https://80000hours.org/problem-profiles/positively-shaping-artificial-intelligence/>

**Postfire - AI Powered Social Media Assistant**

<https://postfire.co/>

**Prediction Markets 2018**

<http://www.PredictionMarkets.com/>

**Preparing Adult Workers for the Artificial Intelligence Revolution**

<http://policyoptions.irpp.org/magazines/april-2017/preparing-adult-workers-for-the-artificial-intelligence-revolution/>

**Preparing for the Future of Artificial Intelligence**

<https://www.whitehouse.gov/blog/2016/05/03/preparing-future-artificial-intelligence>

**Request for Information on Artificial Intelligence – Science and Technology Policy Office**

<https://www.federalregister.gov/documents/2016/06/27/2016-15082/request-for-information-on-artificial-intelligence>

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<http://robobrain.me/>

**Sciensio - AI Specific Events Chatbots**

<https://www.sciensio.com/eventbots>



## **SCOUT**

<https://www.scout.ai/>

## **Semantic Scholar - Free Scientific Literature Search and Discovery**

<https://allenai.org/semantic-scholar/>

## **SIGART AI Web Resources Directory**

<http://www.sigart.org/>

## **Sigma Knowledge Engineering Environment**

<http://sigmakee.sourceforge.net/>

## **Singularity Institute for Artificial Intelligence**

<http://singularity.org/>

## **Snips – AI Private Voice Assistants Using Decentralized Machine Learning, Token-Curated App Store and Decentralized Data Generation**

<http://www.snips.ai/>

## **SRI's Artificial Intelligence Center**

<http://www.ai.sri.com/>

## **Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman**

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## **Suggested Upper Merged Ontology (SUMO)**

<http://www.ontologyportal.org/>

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<https://github.com/tensorflow/tensor2tensor>

## **TensorFlow - Open Source Machine Learning**

<https://www.tensorflow.org/>



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**The Center for Brains, Minds and Machines at MIT**  
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**The Dark Secret at the Heart of AI by Wil Knight**  
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<http://www.business2community.com/business-innovation/future-bots-messaging-ai-01923203#QWvYuUudkFxJbZv1.97>

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**The Game AI Page: Building Artificial Intelligence into Games**

<http://www.gameai.com/>

**The Grid – Tool Using Artificial Intelligence To Build Your Ultimate Website**

<http://www.TheGrid.io/#82>

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**The Ultimate Artificial Intelligence Resources Guide**

<http://labs.openviewpartners.com/artificial-intelligence-resources-guide/>

**The WIRED Guide to Quantum Computing**

<https://www.wired.com/story/wired-guide-to-quantum-computing>

**Things That Think**

<http://ttt.media.mit.edu/index.html>



### **Thinking Machine 4**

<http://turbulence.org/spotlight/thinking/index.html>

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<https://www.kdnuggets.com/2018/08/top-10-roles-ai-data-science.html>

### **Top 20 Recent Research Papers on Machine Learning and Deep Learning by Thuy T. Pham**

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### **Transactions of the Japanese Society for Artificial Intelligence (TJS AI)**

<http://www.jstage.jst.go.jp/browse/tjsai>

### **Universe - Measurement and Training for Artificial Intelligence**

<https://universe.openai.com/>

### **University of Cambridge Research - The Future of Intelligence**

<http://www.cam.ac.uk/research/news/the-future-of-intelligence-cambridge-university-launches-new-centre-to-study-ai-and-the-future-of>

### **University of Arizona Artificial Intelligence Lab**

<http://ai.arizona.edu/>

### **Using Artificial Intelligence To Create Invisible UI**

<http://www.7wdata.be/data-warehousing/using-artificial-intelligence-to-create-invisible-ui/>

### **Vertex.ai - Deep Learning for Every Device**

<http://vertex.ai/>

### **Vicarious - Recursive Cortical Network™**

<http://vicarious.com/>

### **Voices in AI: Great Conversations with Leaders in AI, Machine Learning, and Data Science**

<https://www.kdnuggets.com/2017/10/gigaom-voices-ai-podcast.html>

### **Weka 3: Data Mining Software in Java**

<http://www.cs.waikato.ac.nz/ml/weka/index.html>



**What Consumers Really Think About AI: A Global Study**

<https://www.pega.com/ai-survey>

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<http://www-formal.stanford.edu/jmc/whatisai/whatisai.html>

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**WildML - AI, Deep Learning and NLP**

<http://www.wildml.com/>

**World Class AI Experts Share What Their Favorite Algorithm Is**

<https://thenextweb.com/contributors/2018/08/04/ai-experts-favorite-algorithms-siraj-raval/>

**x.ai - Personal Assistant Who Schedules Meetings For You**

<https://x.ai/>





## **Subject Tracer™ Information Blogs**

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet's first Subject Tracer™ Information Blogs:

Virtual Private Library™

<http://www.VirtualPrivateLibrary.com/>

Accessibility Resources

<http://www.AccessibilityResources.info/>

Agriculture Resources

<http://www.AgricultureResources.info/>

Artificial Intelligence Resources

<http://www.AIResources.info/>

Astronomy Resources

<http://www.AstronomyResources.info/>

Auction Resources

<http://www.AuctionResources.info/>

Biological Informatics

<http://www.BiologicalInformatics.info/>

Biotechnology Resources

<http://www.BiotechnologyResources.info/>

Bot Research

<http://www.BotResearch.info/>

Business Intelligence Resources

<http://www.BIResources.info/>



ChatterBots

<http://www.ChatterBots.info/>

Data Mining Resources

<http://www.DataMiningResources.info/>

Deep Web Research

<http://www.DeepWebResearch.info/>

Directory Resources

<http://www.DirectoryResources.info/>

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

<http://www.EducationResources.info/>

Elder Resources

<http://www.ElderResources.info/>

Employment Resources

<http://www.EmploymentResources.info/>

Entrepreneurial Resources

<http://www.EntrepreneurialResources.info/>

Financial Sources

<http://www.FinancialSources.info/>

Finding People

<http://www.FindingPeople.info/>

Games Resources

<http://www.GamesResources.info/>

Genealogy Resources

<http://www.GenealogyResources.info/>



Grant Resources

<http://www.GrantResources.info/>

Green Files

<http://www.GreenFiles.info/>

Grid, Distributed and Cloud Computing Resources

<http://www.GridResources.info/>

Healthcare Resources

<http://www.HealthcareResources.info/>

Information Futures Markets

<http://www.InformationFuturesMarkets.com/>

Information Quality Resources

<http://www.InformationQualityResources.info/>

International Trade Resources

<http://www.InternationalTradeResources.info/>

Internet Alerts

<http://www.InternetAlerts.info/>

Internet Demographics

<http://www.InternetDemographics.info/>

Internet Experts

<http://www.InternetExperts.info/>

Internet Hoaxes

<http://www.InternetHoaxes.info/>

Intrapreneurial Resources

<http://www.IntrapreneurialResources.info/>

Journalism Resources

<http://www.JournalismResources.info/>



Knowledge Discovery  
<http://www.KnowledgeDiscovery.info/>

Military Resources  
<http://www.MilitaryResources.info/>

New Economy Analytics, Resources and Alerts  
<http://www.NewEconomyAnalytics.com/>

Outsourcing/Offshoring Information and Resources  
<http://www.OutsourcingOffshore.us/>

Privacy Resources  
<http://www.PrivacyResources.info/>

Reference Resources  
<http://www.ReferenceResources.info/>

Research Resources  
<http://www.ResearchResources.info/>

RestStress™  
<http://www.RestStress.com/>

Script Resources  
<http://www.ScriptResources.info/>

ShoppingBots  
<http://www.ShoppingBots.info/>

Social Informatics  
<http://www.SocialInformatics.info/>

Statistics Resources and Big Data  
<http://www.StatisticsResources.info/>

Student Research  
<http://www.StudentResearch.info/>



Theology Resources

<http://www.TheologyResources.info/>

Tutorial Resources

<http://www.TutorialResources.info/>

World Wide Web Reference

<http://www.WWWReference.info/>

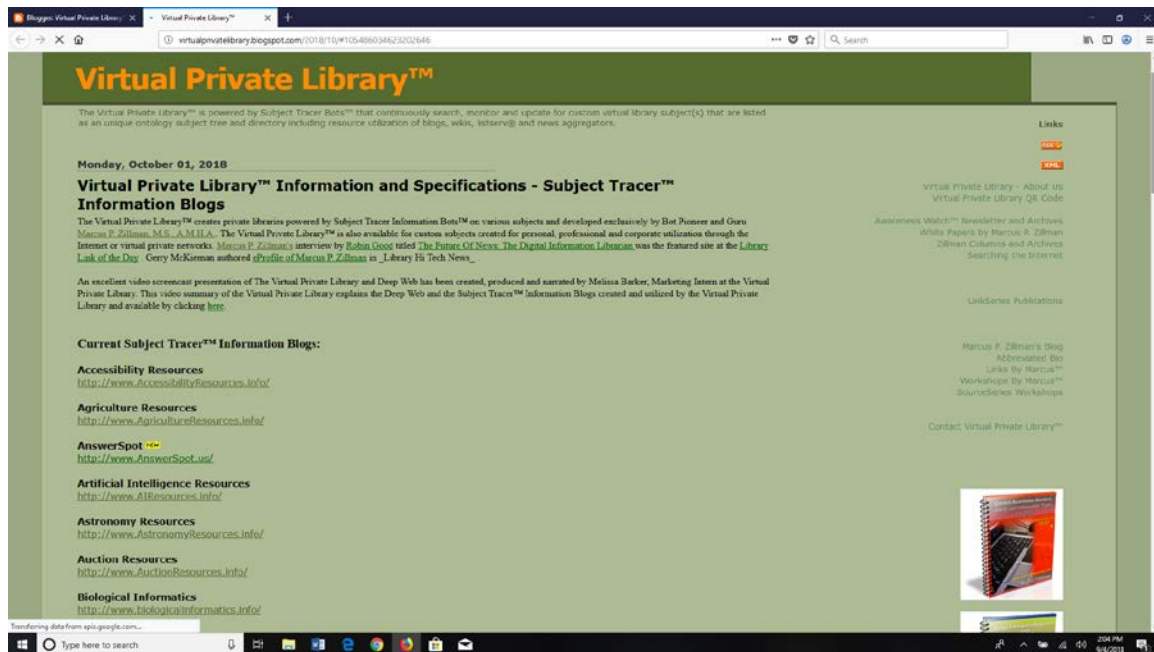


Figure 1: Virtual Private Library™

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

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Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (20,000+ Postings)

<http://www.zillman.us/>

Marcus P. Zillman Abbreviated Bio

<http://www.zillman.info/>

White Papers by Marcus P. Zillman

<http://www.WhitePapers.us/>

Internet MiniGuides™

<http://www.InternetMiniguide.com/>

Awareness Watch™ Newsletter

<http://www.AwarenessWatch.com/>

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

<http://www.LinkSeries.com/>

Links By Marcus™

<http://www.LinksByMarcus.com/>

Workshops By Marcus™

<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops

<http://www.SourceSeries.com/>

Watch Marcus™

<http://www.WatchMarcus.com/>

listen to marcus™

<http://www.ListenToMarcus.com>



**Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:**

2018 Directory of Directories

<http://www.2018DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources

<http://www.ScholarSearchEngines.com/>

Bots, Blogs and News Aggregators 2018

<http://www.BotsBlogs.com/>

Business Intelligence Online Resources 2018

<http://www.BIOOnlineResources.info/>

Cloud Computing Resources Primer 2018

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2019

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Deep Web Research and Discovery Resources 2018 Online White Paper

<http://DeepWeb.us/>

eMarketing MiniGuide 2018

<http://www.eMarketingMiniGuide.com/>

eReference Library Link Toolkit 2018

<http://www.eReferenceLibrary.com/>

Finding Experts By Using the Internet 2018

<http://www.FindingExperts.info/>

Finding People Resources and Sites 2019

<http://www.FindingPeople.info/>

Healthcare Bots and Subject Directories 2018

<http://www.HealthcareBots.info/>

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Knowledge Discovery Resources 2018

<http://www.KDResources.info/>

New Economy Resources 2018

<http://www.NewEconomyResources.com/>

Online Research Browsers 2018

<http://www.zillman.us/white-papers/online-research-browsers/>

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Searching the Internet 2018 – The Primer and 2019 Guide to Searching the Internet

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Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2018

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Web Guide for the New Economy 2018

<http://www.WebGuideNewEconomy.com/>

White Papers By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.WhitePapers.us/>

**Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.**

<http://www.InternetTutor.info/>

Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.





### **Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.**

<http://www.InternetSpeaker.net>

Visit this site to learn about Marcus P. Zillman's speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

### **Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.**

<http://InternetConsultant.BlogSpot.com/>

Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

### **Current Awareness Monitors, Alerts and Information Traps**

<http://www.ecurrentAwareness.com/>

Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

### **Market Intelligence Resources**

<http://www.MarketIntelligenceResources.com/>

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.

### **Entrepreneurial Links 101**

<http://www.EntrepreneurialLinks.com/>

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!



### **Internet Privacy and Security Resources**

<http://www.InternetPrivacySecurity.net/>

Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

### **Research Resources Online Guide**

<http://www.ResearchResourcesOnline.net/>

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, f) Business Intelligence Resources, g) Reference Resources, and h) Subject Tracer™ Information Blogs.

### **The Survivor's Manual for The New Economy.**

<http://www.NewEconomyManual.com/>

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.

