

make things better with science? (<http://googleresearch.blogspot.com/>) Google Research Blog

NDSS: Georgia Tech discovers how mobile ads leak personal data (<http://www.news.gatech.edu/2016/02/22/georgia-tech-discovers-how-mobile-ads-leak-personal-data>) Georgia Tech

AAAI: AI video winners announced (<http://www.iprogrammer.info/news/105-artificial-intelligence/9462-ai-video-winners-announced.html>) I Programmer

CCC at AAAS 2016 Summary (http://www.cccblog.org/2016/02/17/ccc-at-aaas-2016-summary/?utm_source=feedblitz&utm_medium=FeedBlitzRss&utm_campaign=ccbblog) The CCC Blog

Microsoft Research (<http://research.microsoft.com/>)
About us () Feedback (<https://researchnews.envelopes.com/>) Privacy & Cookies (<http://go.microsoft.com/fwlink/?LinkId=521839>)
Terms of use (<http://go.microsoft.com/fwlink/?LinkId=206977>) Trademarks (<http://go.microsoft.com/fwlink/?LinkId=506842>) Newsletter ()
KDNuggets explains the top 10 machine learning projects on Github, the de facto clearinghouse for open source software. The leading projects include a number of libraries, frameworks, and education resources.

ARTIFICIAL INTELLIGENCE | IEEE Spectrum | 1 day ago

The next generation of the Atlas robot unleashed (<http://spectrum.ieee.org/automaton/robotics/humanoids/next-generation-of-boston-dynamics-atlas-robot>)

Boston Dynamics shows off its latest robotic advances as Atlas goes for a walk, delivers a 10 pound box, and proves he's no pushover if pushed to the ground.

- Watch the video (<https://youtu.be/rV>)

INFORMATION SYSTEMS | Dataversity | 1 day ago

The evolution of Python for data science (<http://www.dataversity.net/the-evolution-of-python-for-data-science/>)

Using data sets downloaded from Russell Investments, a data scientist analyzes stock portfolio performance with the Anaconda Python distribution.

- Anaconda Python distribution (<http://>)
- NumPy scientific computing package
- Pandas data analysis library (<http://p>)

APPLIED COMPUTING | University of Aberdeen | 1 day ago

It might catch on — first mathematical model to explain how things go viral (<http://www.abdn.ac.uk/news/8744/>)

University of Aberdeen scientists have come up with the first ever mathematical model to explain explosive contagion in social networks. The new understanding provided by the study could have implications in real social scenarios.

- Read the paper (<http://www.nature.c>)

ARTIFICIAL INTELLIGENCE | Google Research Blog | 1 day ago

On the personalities of dead authors (<http://googleresearch.blogspot.com/2016/02/on-personalities-of-dead-authors.html>)

The Natural Language Understanding research group tackles the challenge of getting a computer to interpret the meaning of natural language by building a system that uses the works of a thousand authors found on Project Gutenberg.

- Natural Language Processing (<http://>)
- Project Gutenberg (<https://www.gute>)

ARTIFICIAL INTELLIGENCE | KDnuggets | 1 day ago

Top 10 machine learning projects on Github (<http://www.kdnuggets.com/2015/12/top-10-machine-learning-github.html>)

KDnuggets explains the top 10 machine learning projects on Github, the de facto clearinghouse for open source software. The leading projects include a number of libraries, frameworks, and education resources.

- Python tool snag top spot (<https://git>)
- Close 2nd: Awesome Machine Learning (<https://github.com/jacobian/awesome-machine-learning>)
- 3rd: Apache's Prediction IO (<https://github.com/apache/prediction-io>)
- 4th: Dive into Machine Learning (<http://diveintomachinelearning.com>)

COMPUTER SCIENCE | MIT Technology Review | 1 day ago

10 breakthrough technologies 2016 (<https://www.technologyreview.com/lists/technologies/2016/>)

MIT Tech Review's picks for the emerging technologies that have a chance at solving big problems and opening up new opportunities.

- Robots that teach each other (<https://www.technologyreview.com/2016/02/25/robot-teaches>)
- DNA app store (<https://www.technologyreview.com/2016/02/25/dna-app-store>)
- Conversational interfaces (<https://www.technologyreview.com/2016/02/25/conversational-interfaces>)

GRAPHICS AND MULTIMEDIA | TechCrunch | 1 day ago

Barriers to augmented reality are holding us back from the holodeck (<http://techcrunch.com/2016/02/25/barriers-to-augmented-reality-are-holding-us-back-from-the-holodeck/>)

Seven scientists from universities with leading research programs in virtual and augmented reality discuss the technical and ethical challenges in realizing the augmented reality opportunity.

- Read the paper (<http://arxiv.org/pdf/1602.04878v1>)
- Exploring Future Reality (<http://www.technologyreview.com/2016/02/25/exploring-future-reality>)

COMPUTER SCIENCE | HPCWire | 1 day ago

Mapping out a new role for cognitive computing in science (<http://www.hpcwire.com/2016/02/25/25170/>)

A Computing Community Consortium white paper delves into the computational tools

video Friday. Support Group for Bots, Russia Humanoid, and ANYmal Quadruped (<http://spectrum.ieee.org/automaton/robotics/friday-watson-support-group-for-robots-russia-humanoid-anymal-quadruped>) 6 hrs ago | IEEE Spectrum Recent Content

Piezoelectric Graphene Ink Enables Thin-Film Pressure Sensors of Any Size (<http://spectrum.ieee.org/nanoclast/semiconductors/graphene-ink-enables-thin-film-pressure-sensors-of-any-size>) 1 day ago | IEEE Spectrum Recent Content

The Frozen Canyons of Pluto's North Pole (<http://cacm.acm.org/news/198921-the-frozen-canyons-of-plutos-north-pole>) 1 day ago | Communications of the ACM: News

Big-Data Visualization Experts Make Using Scatters Plots Easier for Today's Researchers (<http://engineering.nyu.edu/news/2016/02/16/data-visualization-experts-make-using-scatters-plots-easier-todays-researchers>) 1 day ago | ACM TechNews

The Incredible Things Google's New Robot Can Do (<https://www.washingtonpost.com/news/innovations/article/2016-02-25/google-new-robot-can-do-the-incredible>) 1 day ago | ACM TechNews

This Is What Broadband Satellite Communication Looked Like in 1965 (<http://spectrum.ieee.org/geek-life/history/this-is-what-broadband-satellite-communication-looked-like-in-1965>) 1 day ago | IEEE Spectrum Recent Content

Google Unveils Neural Network with 'Superhuman' Ability to Determine the Location of Almost Any Image (<http://cacm.acm.org/news/198920-google-unveils-neural-network-with-superhuman-ability-to-determine-the-location-of-almost-any-image>) 1 day ago | Communications of the ACM: News

Mapping Out a New Role for Cognitive Computing in Science (<http://www.hpcwire.com/2016/02/25/25170/>) 1 day ago | ACM TechNews

Demirel receives proof-of-concept grant (http://www.eurekalert.org/pub_releases/2016/02/ps-dr022616.php) 1 day ago | EurekAlert! - Technology, Engineering and Computer Science

A New Algorithm From MIT Could Protect Ships From 'Rogue Waves' at Sea (<http://www.computerworld.com/article/3056211/analytics/a-new-algorithm-from-mit-could-protect-ships-from-rogue-waves-at-sea.htm>) 1 day ago | ACM TechNews

Google Wants Less Reliable Hard Disks (<http://www.informationweek.com/cloud/cloud-storage/google-wants-less-reliable-hard-disks/d/d-id/1324447>) 1 day ago | ACM TechNews

Chameleon Adapts to Secure the Cloud (<http://sciencenode.org/feature/chameleon-adapts-to-secure-the-cloud.php?platform=hootsuite>) 1 day ago | ACM TechNews

An Electric Car Battery That Will Get You From Paris to Brussels and Back (<http://spectrum.ieee.org/transportation/advanced-cars/an-electric-car-battery-that-will-get-you-from-paris-to-brussels-and-back>) 1 day ago | IEEE Spectrum Recent Content

IBM Watson Machine Learns the Art of Writing a Good Headline (<http://www.techrepublic.com/article/ibm-watson-machine-learns-the-art-of-writing-a-good-headline/>) 1 day ago | ACM TechNews

'Black Girls Code' Aims to Reboot Diversity in Tech (<http://www.cnn.com/2016/02/19/black-girls-code-aims-to-reboot-diversity-in-tech.html>) 1 day ago | ACM TechNews

and research focus needed to speed the scientific community's ability to turn big data into meaningful scientific insight and activity.


- Read the paper (<http://cra.org/ccc/w>)
- Shaping cognitive computing (<http://>)

 COMPUTER SYSTEMS | Scientific Computing | 1 day ago

Automatic programming makes swarm robots safer, more reliable (<http://www.scientificcomputing.com/news/2016/02/automatic-programming-makes-swarm-robots-safer-more-reliable>)

Sheffield Robotics researchers used a graphical tool to define tasks for the robots. A machine then translated the information and programmed up to 600 robots to make decisions independently and complete the tasks.

- Read the paper (<http://link.springer.c>)
- 'Octo-bot' could power drone swarms

 ARTIFICIAL INTELLIGENCE | Emerging Technology from the arXiv | 1 day ago

Google unveils neural network with ability to determine the location of almost any image (<https://www.technologyreview.com/s/600889/google-unveils-neural-network-with-superhuman-ability-to-determine-the-location-of-almost/>)

Researchers created a database of geolocated images, using location data to determine where each was taken. Then they used millions of images to teach a neural network to determine the location using only the image itself.

- Read the paper (<http://arxiv.org/abs/>)
- Play GeoGuessr (<https://www.geoguessr.com/>)

Yahoo Releases CaffeOnSpark Deep Learning Software to Open Source Community
(<http://www.zdnet.com/article/yahoo-releases-caffeonspark-deep-learning-software-to-open-source-community/>)

1 day ago | ACM TechNews

5G Coming Sooner, Not Later
(<http://spectrum.ieee.org/tech-talk/telecom/wireless/5g-coming-sooner-not-later>)

1 day ago | IEEE Spectrum Recent Content

Why Tech Degrees Are Not Putting More Blacks and Hispanics Into Tech Jobs
(<http://www.nytimes.com/2016/02/26/upshot/why-tech-degrees-are-not-putting-more-blacks-and-hispanics-into-tech-jobs.html>)

1 day ago | ACM TechNews

Pioneering Stanford Computer Researcher and Educator Edward McCluskey Dies
(<http://news.stanford.edu/news/2016/february-mccluskey-obit-022516.html>)

1 day ago | ACM TechNews

Apple Encryption Stand Highlights Mobile Operators' Dilemma
(<http://cacm.acm.org/news/198892-apple-encryption-stand-highlights-mobile-operators-dilemma>)

1 day ago | Communications of the ACM: News

Tiltbrush: The Killer App for VR
(<http://spectrum.ieee.org/consumer-electronics/audiovideo/tiltbrush-the-killer-app-for-vr>)

1 day ago | IEEE Spectrum Recent Content

Four IEEE SIGHT Groups Help Rural and Underserved Communities
(<http://theinstitute.ieee.org/benefits/ieee-groups/four-ieee-sight-groups-help-rural-and-underserved-communities>)

1 day ago | The Institute Recent Content

The Secret History of America's Cyber War
(<http://cacm.acm.org/news/198885-the-secret-history-of-americas-cyber-war>)

1 day ago | Communications of the ACM: News

Systems analysis -- from the nanoscale to the global
(http://www.eurekalert.org/pub_releases/2016/02/eaps-sa-022616.php)

1 day ago | EurekAlert! - Technology, Engineering and Computer Science

Tackling the Future of Digital Trust—While It Exists
(<http://spectrum.ieee.org/view-from-the-valley/telecom/security/tackling-the-future-digital-trustwhile-it-still-exists>)

1 day ago | IEEE Spectrum Telecom Channel

German scientists receive award for preventing security vulnerabilities in web browsers
(http://www.eurekalert.org/pub_releases/2016/02/su-gsr022616.php)

1 day ago | EurekAlert! - Technology, Engineering and Computer Science

Expeditions: Exploring the unknown
(https://blogs.msdn.microsoft.com/msr_er/2016/02/26/exploring-the-unknown/)

1 day ago | Microsoft Research Connections Blog