

**James D. Miller**  
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## Education

University of Chicago: Ph.D.in Economics	January 1997
Stanford Law School: J.D. (Member of Law Review)	June 1992
Yale University: M.A. in Economics	June 1989
Wesleyan University: B.A.	June 1988

## Selected Links

[Future of Life Institute grant](#) for “Utility Functions: A Guide for Artificial General Intelligence Theorists.” 2018. Grant for \$78,289

[The Fermi paradox and existential risks \(video\)](#)

[Profiting from Singularity Expectation \(video of talk at a Singularity Summit\).](#)

[Banning Bitcoin to Complete Big Tech Censorship](#) Quillette.

[Trump and Mexico’s next president can build the wall – Together](#) FoxNews.com.

[To solve the immigration crisis, build the border wall and admit more legal immigrants](#) FoxNews.com.

[Trump's plan to tax colleges will harm higher education — but it's still a good idea](#) Business Insider.

[Genetically enhancing our children could raise interest rates](#) Business Insider.

[A Series of Game Theory Videos](#)

[Singularity Rising](#) (Book)

[Game Theory At Work](#) (Book)

[Future Strategist Podcast](#)

## **Grant**

[Future of Life Institute grant](#) for “Utility Functions: A Guide for Artificial General Intelligence Theorists.” 2018. Grant for \$78,289

## **Books**

James D. Miller (and three other editors) *The Technological Singularity: Managing the Journey*. May 2017.

Vox Day and James D. Miller. [On the Question of Free Trade: An Economics Discourse](#). (A 46 page ebook of a debate between the co-authors.) April 2016.

James D. Miller. [Singularity Rising](#). October 2012. [First chapter audio](#).

James D. Miller. *Principles of Microeconomics*. McGraw-Hill. February 2008.

James D. Miller. 2003. *Game Theory At Work*. McGraw-Hill, 306 pages. Translated into Chinese long form, Chinese short form, Japanese, Korean, and formatted for sale in India.

## **Academic Articles**

“When Two Existential Risks Are Better Than One.” Accepted by *Foresight*.

James D. Miller. “For Pleasure or Productivity: Divergent IA Paths.” To be published by Peter Lang in *Augmented intelligence: Smart systems and the future of work and learning*.

“Long-Term Trajectories of Human Civilization”. Accepted by *Foresight*. I’m one of fourteen co-authors.

James D. Miller. “[A Rationally Addicted Artificial Superintelligence](#).” Published in the 2018 peer reviewed book *Artificial Intelligence Safety and Security* by Roman V. Yampolskiy.

James D. Miller. “[Reflections on the Singularity Journey](#).” In the 2017 peer reviewed book *The Technological Singularity: Managing the Journey*.

James D. Miller. “Singularity Blog Insights.” In the 2017 peer reviewed book *The Technological Singularity: Managing the Journey*. A collection of four blog posts by other authors.

James D. Miller and Debbie Felton. “[The Fermi Paradox, Bayes’ Rule, and Existential Risk Management](#).” *Futures*, June 2016.

James D. Miller. “Rifts in Rationality.” [Review of Rationality: From AI to Zombies, by Eliezer Yudkowsky](#). Published in *The New Rambler*. August, 2015.

James D. Miller. "[Some Economics Incentives Facing a Business That Might Bring About a Technological Singularity](#)." Published in the peer reviewed book *The Singularity Hypothesis: A Scientific and Philosophical Assessment*. Springer, 2012.

N. Boris Margolin, Brian Neil Levine, James D. Miller, and Matthew Wright. Economic Incentives for Protecting Digital Rights Online. *Electronic Commerce Research and Applications*, 10(5):553-564, September 2011.

James D. Miller and Matt Morey. 2003. "Power Markets: Transferring Systematic Risk to Lottery Players." *Public Budgeting & Finance*.

James D. Miller and D. Felton. 2002. "Using Greek Mythology to Teach Game Theory." *The American Economist*, Vol. 46.

D. Felton and James D. Miller. 2002. "Truth Inducement In Greek Myth." *Syllecta Classica* Vol. 13: 104-125.

James D. Miller. 2001. "Perjury and Information Weighting." *International Review of Law and Economics* Vol. 21: 329-341.

James D. Miller and Lixin Gao. 2001. "Creating A Subpoena-Proof Diary: A Technological Solution to A Legal Problem." *Journal of Information, Law and Technology* 10/31/01. In its August 6, 2001 issue *Forbes* devoted a paragraph to the significance of this article.

James D. Miller. 1997. "Using Lotteries To Expand The Range of Litigation Settlements." *Journal of Legal Studies* Vol. 26.1: 69-94.

## **Conferences**

Spent five week at [conference on existential risks](#) in Gothenburg, Sweden in 2018.

## **Journalistic Publications**

Banning Bitcoin to Complete Big Tech Censorship	Quillette.com	8/18
Trump and Mexico's next president can build the wall	FoxNews.com	7/18
To Solve the immigration crisis...	FoxNews.com	6/18
Trump's plan to tax colleges will harm higher...	Business Insider	11/17
Get ready for the 'tech alt-right' to gain power and influence...	Business Insider	8/17
Online Education: What I got Wrong	Inside Higher Ed	4/5/17
Move the University of California, Berkeley to Garland TX	Frontpagemag.com	2/17
The Stock market doesn't fear a Trump presidency...	Business Insider	11/16
The Stock market doesn't fear a Trump presidency...	The Independent	11/16
Genetically enhancing our children could raise interest rates	Business Insider	7/16
Help the World's Poorest by Harvesting Their Organs	Trigger Warning	4/16
6 Steps to the 'get rich slow' scheme	Business Insider	12/15
What College Safe Spaces Should Be	Frontpagemag	12/15
10 Tips from a Silicon Valley bootcamp...	Business Insider	12/15
Why Pretty Girls Hate Being Asked Out on Dates...	Trigger Warning	4/15

Expect Nuclear War	Trigger Warning	10/14
Accessorize With a Medical Device	Better Investing Mag.	5/14
Managed Funds With a Naughty Secret	Better Investing Mag.	4/14
What if Antibiotics Lose Their Effect	Better Investing Mag.	3/14
How Nobel Laureates View the Market	Better Investing Mag.	1/14
The singularity and mutational load	h+ magazine	1/14
A Bigger Pie Slice for Stock Owners	Better Investing Mag.	12/13
Pie in the Sky Accounting	Better Investing Mag.	11/13
View Your Decisions For A New Angle	Better Investing Mag.	10/13
Pick Up Milk and Bread at Amazon.com	Better Investing Mag.	9/13
Mint Your Own Money: Bitcoins	Better Investing Mag.	8/13
Extrasensory Market Perception	Better Investing Mag.	6/13
The Secret to Happiness	Better Investing Mag.	4/13
“Dilbert” Creator on Hedge Funds	Better Investing Mag.	3/13
The Market as a Model of Efficiency	Better Investing Mag.	1/13
Golden Years for Money Fears?	Better Investing Mag.	12/12
Why One for All Isn’t Working in Europe	Better Investing Mag.	11/12
Amazon’s Same-Day Service	Better Investing Mag.	10/12
Space, the Final Investing Frontier	Better Investing Mag.	9/12
All Eyes on Google	Better Investing Mag.	8/12
Cryonics and the Singularity	Alcor’s Magazine	7/12
An Economic Rationale for Resurrecting Neanderthals	h+ Magazine	7/12
Savvy Investing Might Be in Your DNA	Better Investing Mag.	6/12
Is the U.S. Slouching Towards Athens	Better Investing Mag.	5/12
When the Game’s Rules Are Stacked	Better Investing Mag.	4/12
Will Shots at Wall Street Backfire?	Better Investing Mag.	3/12
The Politics of Medical Immortality	h+ Magazine	2/12
Who’s Got the Jumper Cables?	Better Investing Mag.	2/12
Graduating from the University of Debt	Better Investing Mag.	1/12
Unemployment and the Stock Market	Better Investing Mag.	12/01
Upbeat Economics: 10 Good Signs	Better Investing Mag.	11/11
Insider Trading Inside the Beltway	Better Investing Mag.	10/11
The Singleton Solution	h+ Magazine	9/11
Is Groupon a Bargain for Merchants?	Better Investing Mag.	9/11
DNA Politics: Science and Sociopathy	h+ Magazine	8/11
Get Out While You Can	Inside Higher Ed	8/11
Predicted to Fail, Amazon Lives On	Better Investing Mag.	8/11
You Can Learn How to Become More Rational	Business Insider	7/11
Is Apple Sound to the Core?	Better Investing Mag.	4/11
The Constitution and Obamacare	Better Investing Mag.	3/11
The Google, Facebook Face-Off	Better Investing Mag.	2/11
VAT Proposal Would Hurt Seniors	Better Investing Mag.	1/11
Philanthropy With Eyes Wide Open	Better Investing Mag.	12/10
Excuse Me, Your Bias is Showing	Better Investing Mag.	11/10
Corporations as Cannibals	Better Investing Mag.	10/10
11 Keys Forces Sway the Economy	Better Investing Mag.	9/10
Finding Your Bliss in 3-D	Better Investing Mag.	8/10
Time Bomb: Unfunded Pensions	Better Investing Mag.	6/10
Of Paulson and Brinkmanship	Better Investing Mag.	5/10
Noncompete Cause	Better Investing Mag.	4/10
Hidden Risks Behind the Sparkle...	Better Investing Mag.	3/10
Risk. Bail Out. Repeat.	Better Investing Mag.	1/10
A Matter of Trust	Better Investing Mag.	12/09
Oil’s Well With Price Volatility	Better Investing Mag.	11/09
Battle of the Bonds	Better Investing Mag.	9/09
Savings by the Book	Better Investing Mag.	8/09
Money Crazy	Better Investing Mag.	6/09
The Recession’s Silver Lining	Better Investing Mag.	5/09

Reallocation Nation	Better Investing Mag.	4/09
An All-Consuming Issue	Better Investing Mag.	3/09
Let Professors Choose	Inside Higher Ed	2/09
State of the Union	Better Investing Mag.	2/09
Betting the House	Better Investing Mag.	1/09
Take this job and Ship It!	Smith Alumnae Quarterly	Fall 08
Why Assistant Professors Should Earn More Than the Tenured	Inside Higher Ed	9/2/08
The Trouble with Bubbles	Better Investing Mag.	9/08
Amazon's POD Policy Threatens Its Value	Better Investing Mag.	8/08
Bear on the Run	Better Investing Mag.	6&7/08
Wealthy Colleges: Ante Up	BusinessWeek.com	6/3/08
Massachusetts Should Tax Harvard	Inside Higher Ed.	5/19/08
Cuts Always of Interest to Investors	Better Investing Mag.	4/08
Subprime Suspects	Better Investing Mag.	3/08
Quantum Leaps in Wealth Creation	Better Investing Mag.	2/08
Stimulating Ideas	TCSDaily	1/15/08
Microsoft's Strategy with Health Vault	Better Investing Mag.	1/08
Branded Unsafe	Better Investing Mag.	11/07
A Thousand Chinese Einsteins Every Year	TCSDaily	10/2/07
The Implications of Crowd Sourcing	Better Investing Mag.	10/07
Beyond Merit Pay and Student Evaluations	Inside Higher Ed	9/7/07
A Deer Price to Curb Global Warming	Better Investing Mag.	9/07
Markets for Predictions	Better Investing Mag.	8/07
Bogle Explains the Math Behind Indexing	Better Investing Mag.	7/07
The Free Market Case Against the Immigration Bill	TCSDaily	6/1/07
With Genetic Discrimination Ban	Better Investing Mag.	6/07
Aging Difficulties	Better Investing Mag.	5/07
The Benefits and Costs of Transparency	Better Investing Mag.	3/07
Price Controls for Pills	Better Investing Mag.	2/07
Free the Elderly	TCSDaily	1/31/07
A Minimum of Understanding	TCS Daily	1/10/07
Why Poison Pills are Bad Medicine	Better Investing Mag.	1/07
Silicon Medicine	Better Investing Mag.	12/06
Face Value	Better Investing Mag.	11/06
The Internet Has a Knack for Niches	Better Investing Mag.	10/06
It's About Time	Better Investing Mag.	9/06
Saying No to Stock Boycotts	Better Investing Mag.	8/06
Lurking Risk	Better Investing Mag.	7/06
How Price Discrimination Works	Better Investing Mag.	6/06
Is Google Uncoachable?	Better Investing Mag.	5/06
War Games 2006	TCS Daily	04/14/06
Getting Mexico on Our Side	TCS Daily	04/04/06
Which Colleges Will Make the Grade?	Better Investing Mag.	4/06
Elevating Elephants	TCS Daily	3/14/06
A Star System for Technology	Better Investing Mag.	3/06
Hey, Harvard, Hire Me!	TCS Daily	2/22/06
How To Fight RateMyProfessor.com	Inside Higher Ed.	1/31/06
Exposing Moral Free-Riders	TCS Daily	1/20/06
The Index Fund's Risk Advantage	Better Investing Mag.	1/06
Fund Stars Hard To Spot From Ratings	Better Investing Mag.	12/05
The Conduct of Standards Wars	Better Investing Mag.	11/05
The Futility of Battling Internet Piracy	Better Investing Mag.	10/05
Feelers vs. Thinkers	Tech Central Station	10/03/05
Barriers to Google's Future	Better Investing Mag.	9/05
Make San Francisco the Leftwing Paradise It Hopes to Be	Tech Central Station	8/29/05
The Singular Sensation	Tech Central Station	8/15/05
Charging for Content: The Coming Test	Better Investing Mag.	8/05

French-ifying Retail America	Tech Central Station	6/09/05
Outsourcing Teaching	Tech Central Station	5/27/05
Campaign Money for Bloggers	Tech Central Station	5/16/05
Bulls#@* and the Academic Left	Tech Central Station	5/3/05
The Science Haters	Tech Central Station	4/6/05
Academia's Religion	Orlando Sentinel	4/3/05
Harvard Forgives Larry Summers	Tech Central Station	4/1/05
The Coming War on Blogs	Tech Central Station	3/25/05
Let the <i>Students</i> Vote	Tech Central Station	3/17/05
Our Battery-Powered Economy	Tech Central Station	3/14/05
Ward Churchill: Republican Civil Rights Pioneer	Tech Central Station	2/24/05
Will Blogs Produce a Chilling Effect	Tech Central Station	2/14/05
Explaining Brad and Jennifer (same as below)	The Orange County Reg.	2/6/05
The Importance of Brad and Jennifer ...	Tech Central Station	1/31/05
Social Security's Uncertain Future	Orlando Sentinel	1/30/05
The Depolarizing Power of the Blogosphere	Tech Central Station	1/17/05
Why is James Glassman Worried?	Tech Central Station	1/3/05
The Economics of Gift Giving	Tech Central Station	12/23/04
How to Determine Whether Social Security...	Tech Central Station	12/21/04
Republicans Shouldn't Fear Eliminating Judicial Filibusters	Tech Central Station	12/16/04
Freedom Bonuses: Welcoming Gifts for Ukraine	Tech Central Station	12/03/04
Fear Not the Risky Scheme	Tech Central Station	11/22/04
Database Blues?	Tech Central Station	11/15/04
Should We Fear 'Cosmetic Neurology'?	Tech Central Station	10/29/04
A Trillion Lies	Tech Central Station	9/28/04
Top Ten Tips for Bush	Tech Central Station	9/23/04
If You Can't Beat 'Em, Co-Opt 'Em	Tech Central Station	9/13/04
The World's Best College	Tech Central Station	8/24/04
A Billion for Bin Laden	Tech Central Station	8/9/04
Don't Worry About the Future	Tech Central Station	7/15/04
Free Market Tariffs	Tech Central Station	6/30/04
Enjoy Perilous Work?	Forbes	6/7/04
Google's "Winner's Curse"	Tech Central Station	5/4/04
An Empire? You Ain't Seen Nothin' Yet	Tech Central Station	4/14/04
Should Massachusetts Be Allowed to Outsource Jobs?	Tech Central Station	3/26/04
Fear Not Outsourcing, Knowledge Workers	Tech Central Station	3/3/04
Compassionate Conservatism for the Ex-Prisoner	Tech Central Station	2/25/04
Wasting Away Again in Free-Riderville	Tech Central Station	2/9/04
A Solution to the President's Immigration Plan	Tech Central Station	1/22/04
Why Nader Should Run	Tech Central Station	1/14/04
An Anti-Terrorism Defense Fund	Tech Central Station	1/5/04
Don't Try Saddam	Tech Central Station	12/30/03
Power to the People?	Tech Central Station	12/22/03
China's Chance to Conquer Taiwan	Tech Central Station	12/5/03
Doing Well by Taking Revenge	Tech Central Station	11/25/03
Libertarians and Gay Marriage	Tech Central Station	11/19/03
American Hegemony	Tech Central Station	10/29/03
Saudi Terror Insurance	Tech Central Station	10/24/03
Needed: A U.S. Foreign Legion	Tech Central Station	9/24/03
Markets Reward Eco-Terror. So Let's Fix Them.	Tech Central Station	8/28/03
Robot Economics	Tech Central Station	8/19/03
More Equal Than Others	Tech Central Station	8/7/03
Brand Matters	Tech Central Station	7/10/03
A Recipe for Growth	Tech Central Station	5/29/03
North Korean Extremes	Tech Central Station	5/07/03
Digital Communism	National Review Online	5/06/03
Information Sexternalities	Tech Central Station	4/24/03
The CIA/Zionist Plot	Tech Central Station	4/16/03

Economic Mecca	Tech Central Station	4/10/03
French Freeze	Tech Central Station	4/02/03
Bathroom Duty	Tech Central Station	3/26/03
Future Search	Tech Central Station	3/7/03
The Valentine's Day Trap	Tech Central Station	2/14/03
Harvard Via eBay	Tech Central Station	1/24/03
The Get-Rich-Slow Scheme	Tech Central Station	1/8/03
Marginal Benefits	Tech Central Station	11/21/02
To Nuke, Or Not to Nuke?	Tech Central Station	10/21/02
Let Lawyers Help Fight Terror	The Weekly Standard	10/21/02
Deep Links? No Way!	Tech Central Station	5/13/02
Blogging: An Economist's View	Tech Central Station	4/10/02
Credible Threats	The Weekly Standard	3/11/02
National Security First	National Review Online	1/23/02
Campus Colors	National Review Online	12/19/01
The Marketplace of Faith	National Review Online	11/12/01
Security, Smith's Way	National Review Online	10/30/01
The Patient's Right Not To Sue	The Weekly Standard	8/13/01
If We Can't Choose Our School, ...	FrontPageMag.com	7/13/01
Can Intellectual Property Be Protected Without Invading Privacy?	Foxnews.com	7/4/01
Pirates of the Future (Same as above.)	The Weekly Standard	7/2/01
Games Countries Play	The Weekly Standard	5/21/01
The Pros and Cons of Partially Privatizing Social Security	Orlando Sentinel	3/25/01
A First-Rate Aid Plan for Third World Countries	Orlando Sentinel	9/24/00
Brain Arbitrage: The Next Internet Frontier	Dismal.com	9/12/00
Genetic Testing and Health Insurance	Dismal.com	8/17/00
Let Them Eat Patents	The Weekly Standard	7/31/00
Strategies For Pricing Internet Content	SIIA Trends Report	7/24/00

### **Articles published on CNBC.com**

Internet: Game Theory	3/12/01
Hunting For Interactive-TV Profits	1/22/01
Put SS Money in the Market	10/23/00
Profit Pipe Dream for Many E-Tailers	10/10/00
Why Hoaxes Work in Efficient Markets	8/29/00
Investors Must Adapt to SEC Rule Change	8/23/00
Deep Pockets Don't Matter	8/18/00
Patent Expiry No Threat to Drug Stocks	8/8/00
The Net Threatens Credit Card Cos	8/2/00
Internet: A Threat to Content Biz	7/25/00
Biometrics Will Boost Internet Profits	7/21/00
Bluetooth May Hit Hardware Profits	7/7/00
Beware Winner-Take-All Industries	6/2/00
Bush Retirement Plan Good for Stocks	5/18/00
New Rules for the Wireless Web	5/2/00
Long View Affects Day Traders, Too	4/25/00
Web Content Won't Always Be Free	4/23/00
OPINION: Microsoft's Best Defense	4/5/00
Surprise! Net Stocks are Rate Sensitive	3/21/00
"Bundling" Doesn't Always Boost Profits	2/15/00
Priceline Favors Sellers, Not Buyers	1/29/00
Miller: Markets Reward Diversification	1/19/00
Commentary: Beware of High Fixed Costs	12/7/99

## **Political Activities**

A Republican Nominee for the Massachusetts State Senate (2004) Hampshire and Franklin district. Won uncontested primary. Defeated in the general election.

## **Video and Audio Presentations**

[Future Strategist podcast.](#)

[Game theory YouTube videos](#)

[Introductory microeconomics YouTube videos](#)

[The Fermi paradox and existential risks](#)

[Profiting from Singularity expectations](#)

## **Other Writings**

Billion Dollar Bots In [The Hanson-Yudkowsky AI-Foom Debate](#) by Robin Hanson and Eliezer Yudkowsky, Published in 2013 by the Machine Intelligence Research Institute.

Presented paper titled "Teaching Innovation in Principles of Microeconomics Classes" at the Association of Private Enterprise Education conference at Las Vegas, Nevada on April 4, 2008.

Shaking up the electoral college for Massachusetts, The Beacon Hill Institute at Suffolk University, November 2003.

James D. Miller, "Profit Pipe Dreams for Many E-Tailers." Published in *Small Business: an Entrepreneur's Business Plan* 6<sup>th</sup> edition (2003) by J.D. Ryan and Gail P. Hiduke, pages 153-154. Originally published on CNBC.com, 10/10/00.