

# Dr. Duane Thresher

## Education

2004	Ph.D.	Columbia University & NASA dr.duane.thresher@caa.columbia.edu	Earth & Environmental Sciences (climate modeling on supercomputers)
1997	M.S.	University of Arizona & NCAR drduanethresher@arizona.edu	Atmospheric Sciences (climate modeling on supercomputers)
1991	B.S.	MIT & NASA dr.duane.thresher@alum.mit.edu	Electrical Engineering & Computer Science

## Work Experience

2023 – Now	Ayrdos AI Supercomputing Inc Founder, CEO, Chairman dr.duane.thresher@ayrdos.com	Providing affordable right-sized real supercomputers and real supercomputing software expertise to AI startups.
2017 – 2023	Apscitu Inc Founder, CEO, Chairman dr.duane.thresher@apscitu.com	IT services, particularly secure email, and consulting, particularly cybersecurity, for select clients.
2016 – 2017	Social Networking Website Startup Founder	Thought up, developed, and did web programming for.
2011 – 2016	Thresher Networks LLC Founder, CEO	Design, installation, and security of enterprise networks.
2010 – 2011	Arctic Region Supercomputing Ctr Network Engineer	Department of Defense secure TOP500 supercomputer. Also cellular work.
2008 – 2010	University of Alaska Postdoctoral Fellow	Climate modeling on supercomputers.
2005 – 2008	Alfred Wegener Institute Guest Scientist	Climate modeling on supercomputers.
2004 – 2005	University of Bremen Guest Scientist	Climate modeling on supercomputers.
1997 – 2004	Columbia University & NASA Research Assistantship	Climate modeling on NASA secure TOP500 supercomputer.
1993 – 1997	University of Arizona & NCAR Research Assistantship	Climate modeling on NCAR TOP500 supercomputer.

## Other Education

2011 – Now	Self-taught for own businesses	AI, cybersecurity, law, email servers, web servers, cloud computing, web programming, cellular, wireless, telecommunications, IPv6, structured cabling.
2011	Enulta Corporation & Fiber Optic Association	Combined Basic/Advanced and Outside Plant Fiber Optic Technician certification (CFOT/AFOT, CFospT) courses.
2010 – 2011	University of Alaska	Four 4-credit Cisco CCNA advanced networking courses.
2001	Columbia Business School	Business basics course.
2000	NASA High Performance Computing School	Supercomputer programming course.

## Other Work Experience

2005	First Supercomputer Construction — Built own affordable right-sized supercomputer.
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2000 – 2001	NSF Antarctic Research Cruise — For two months (Dec–Jan), worked night-shift 12-hour days, 7-days-a-week under stressful conditions as deep-sea instrument console operator aboard RV Nathaniel B. Palmer, out of Hobart Tasmania.
Various	Speaking — Academic, scientific, and business talks.
1998, 2000	Columbia University Teaching Assistant — Including lecturing.
1993 – 1995	University of Arizona Teaching Assistant — Including educational software development.
Undergrad	MIT Research Assistant — Worked two total years doing electrical engineering design, prototyping, integration, testing, troubleshooting, and documentation for NASA/MIT Explosive Transient Camera project sited and networked at Kitt Peak National Observatory.

## Skills

AI	Including modeling/programming and supercomputing.
Supercomputing	Including parallel programming (e.g. MPI, OpenMP), Unix/Linux (e.g. system administration), performance testing, high performance computing (e.g. clusters), high-speed networking, security.
Big Data	Including acquisition, storage, analysis programming, security.
Email Servers	Including Postfix, Dovecot, Linux (e.g. system administration), domain names, DNS, POP/IMAP, clients (e.g. Apple Mail, Google Mail, Microsoft Outlook, Mozilla Thunderbird), security (e.g. encryption, authentication, phishing, NSA, FBI).
Cybersecurity	Including system administration, networks (e.g. configuration, SSH, VPN), email, web, social media, cellular, penetration testing, authentication (e.g. MFA), encryption (e.g. RSA, PKI, TLS/SSL certificates), NSA, FBI.
Law	Including IT, business, and constitutional law.
Networking	Including Cisco CCNA (e.g. IPv4, routers, switches, hosts, protocols, media), fiber optics, structured cabling, IPv6, domain names, DNS, security.
Telecommunications	Including broadband, the networked telephone system, cellular, wireless, fiber, cable, satellite, DSL, dial-up, ISPs (e.g. AT&T, Verizon, Comcast (Xfinity), Charter (Spectrum), HughesNet, Starlink, local telecoms), security.
Cloud Computing	Including AWS, Kubernetes, containers (e.g. Docker), virtualization, servers, clusters, domain names, DNS, security.
Web Servers	Including Apache, Linux (e.g. system administration), domain names, DNS, security.
SEO	Including Google Search Console, Microsoft Bing Webmaster Tools, DNS.
Web Programming	Including HTML5, CSS3, JavaScript, MySQL, PHP, JSON, AJAX, security.
Programming	Including AWK, Basic, C, Fortran, JavaScript, Lisp/Scheme, MPI, OpenMP, Perl, PHP, Python, shell (e.g. bash, csh, Windows) scripting, environments, editors (e.g. Emacs), security.
Operating Systems	Including secure system administration of Linux (e.g. Red Hat, Debian, Ubuntu, Linux Mint), Unix, Apple (e.g. Mac OS X, iOS), Microsoft.
Virtualization	Including VMware and cloud computing.
Office Software	Including word processors, editors (e.g. Emacs), L <sup>A</sup> T <sub>E</sub> X, spreadsheets, presentation software.
Software Engineering	Including programming and project management.
Electrical Engineering	Including networking, telecommunications, MIT B.S., and being an electrician's assistant.

## Other Experience

2001	Skydiving — 12 non-tandem jumps from 14,000 feet; stopped after 9/11 attacks on New York City, where was living, and resulting closing of all small airports near NYC.
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Lifetime	Travel — Have lived in and traveled around Japan, Germany, and the U.S., including Oklahoma, Maine, Illinois, New Hampshire, Massachusetts, Vermont, Arizona, New York, Alaska, Montana, California, Texas, and Virginia. Have traveled around Canada, Australia, Antarctica, Britain, Denmark, Switzerland, and 34 U.S. states.
Various	Languages — Basic Japanese while living in Japan; three years of high school Spanish and have lived in Arizona, California, and Texas; one year of German courses, and several years of self-study, while living and working in Germany.
Childhood	Military Dependent — Father was Air Force officer, who retired as a Lt. Colonel, was an ICBM silo officer during the Cuban Missile Crisis, and was an aircraft officer in Saigon right before the Tet Offensive.

## Political Experience

2025	Fight Big Tech Control of AI — Founder and Chair; AyrDOS AI Supercomputing Inc fights Big Tech control of AI on the commercial front, Fight Big Tech Control of AI does this on the political front.
2020	<i>Dr. Duane Thresher v. Governor of Virginia Ralph Northam, U.S. District Court, Eastern District of Virginia, Judge David Novak, Case 3:20-cv-00307</i> — Pro se plaintiff in case against Virginia Governor Northam (D) for violation, with his coronavirus dictates, of my First Amendment right to peaceably assemble; included U.S. Appeals Court and the U.S. Supreme Court. Virginia Attorney General Mark Herring (D) illegally defended Northam and later lost his re-election bid to Jason Miyares (R).
2020	<i>Dr. Duane Thresher v. Culpeper County Virginia School Officials</i> — In violation of Virginia state homeschooling law, Culpeper County Virginia school officials threatened to report me to the courts for not filling out unnecessary homeschooling paperwork. I quoted the actual law to them, threatened a lawsuit, and never heard from them again. Later, Glenn Youngkin (R) was elected Virginia Governor based on his promise to return control of schools to parents.
2015 – Now	<i>Dr. Duane Thresher v. MIT and Columbia University Administrations</i> — In a long series of incidents involving the law, I have fought (and been retaliated against by) the increasingly woke and corrupt MIT and Columbia University administrations, as they soil the reputations of those universities, to my detriment.
2017 – 2023	Apscitu Website — As part of my business, Apscitu Inc, I created websites (Apscitu, Stop IT Incompetence, Apscitu Mail, Apscitu Law) where I researched (including FOIA requests), wrote, and published articles that were very political (and controversial), since they included cybersecurity (or lack thereof due to IT incompetence), particularly of email and in government (including the law), government-related business, and the media.
2017 – 2019	Real Climatologists — After years of listening to non-scientists claim there was a scientific consensus on global warming, based on climate models, and knowing that the vast majority of the scientists in this claimed scientific consensus were not climate modelers, or even real climatologists, I created a controversial website for real climatologists, particularly climate modelers, like myself, to speak out on how uncertain claims of global warming really were.
2016	Ran for School Board — Of a badly-run Montana school.
2016	Ran for Board of Trustees — Of a badly-run Montana telecommunications company.
2002	Federation for American Immigration Reform (FAIR) Member — Joined after years of watching foreigners, particularly the Chinese, take over American universities at all levels and then living in New York City on 9/11 when foreigners, at least some on student visas, attacked.

## Selected Apscitu Articles By Me

*How To Provide Equal Broadband Internet Access For All*, 25 Dec 2022.

*How To Defend Against Electrical Grid Attacks*, 7 Dec 2022.

*Apscitu Warned of Google Censoring Republican Email Ads Already in 2012 Presidential Election*, 2 Dec 2022.

*Cryptocurrency Crisis: All Cryptocurrencies Might As Well Be Tulip Bulbs*, 17 Nov 2022.

*Roe v. Wade Was Hacked — Justice Is Blind And IT Incompetent*, 31 Oct 2022.  
*Corruption and Free Speech at Columbia*, 10 Oct 2022.  
*CISA: No Infrastructure Cybersecurity, Just a Stepping Stone for IT Incompetents*, 8 Nov 2021.  
*Hacking and Forced Meltdown of Nuclear Power Plants: Upwind of Washington, Baltimore, Philadelphia*, 21 Sep 2021.  
*Nuclear 9/11*, 11 Sep 2021.  
*Ransomware Nuclear Power Plants Upwind of Major U.S. Cities*, 6 Jun 2021.  
*U.S. Surrenders in IT War, Starts Paying Tribute to Russia*, 31 May 2021.  
*Federal Judiciary Reacts To Hackers: Evidence Tampering OK, Exposing NSA Surveillance Not*, 17 Mar 2021.  
*Hackers Own The Federal Legal System*, 12 Mar 2021.  
*The Domsday Microsoft Government Email Data Breach*, 22 Feb 2021.  
*MIT Lawyers v. Dr. Thresher*, 7 Dec 2020.  
*Incompetent Encryption Is Worse Than No Encryption*, 17 Aug 2020.  
*HealthCare.gov Hacked*, 25 Jul 2020.  
*Apsitu Warned of Twitter Hacking Two Years Ago*, 24 Jul 2020.  
*Foreign Hacking of New Hampshire Voting Machines*, 12 Feb 2020.  
*Proofpoint Investigation: Fraud and Government Email Tampering*, 10 Jan 2020.  
*No, The NSA Does Not Have Encryption-Breaking Quantum Computers*, 7 Dec 2019.  
*Net Neutrality: Who Controls the Communications of the Communications Controllers?*, 10 Aug 2019.  
*Whitelists, Blacklists, and the Great Spam Filter Scam*, 15 Jun 2019.  
*Google: Invasion of the Email Snatchers*, 18 May 2019.  
*Facebook Reads Your And Government Officials'/Politicians' Email*, 11 Oct 2018.  
*Insecure Facebook Demands Your Passport, Bank Statements, Medical Records*, 8 Oct 2018.  
*How Twitter Made a Hash of Passwords*, 4 May 2018.  
*Handing Over America's Electrical Grid to the Russians*, 26 Apr 2018.  
*Secret Service Outsources IT to IT Incompetent Foreign-Influenced Company*, 23 Apr 2018.  
*Equifax Dead: Hacked So Credit Reports Worthless*, 5 Apr 2018.  
*FBI Hacking Investigation Negligence Lawsuit*, 22 Feb 2018.  
*Google — Illegal Competitor or National Security Threat*, 25 Jan 2018.

## **Selected Real Climatologists Articles By Me**

*The Fifteenth Hottest Third Tuesday In July Since Records Began (Last August)*, 20 Jul 2019.  
*Climate of Incompetence*, 3 Jan 2019.  
*Defund the NSF, the "Science" Arm of the Left*, 27 Nov 2017.  
*Follow The Money*, 18 Sep 2017.  
*Hurricane Harvey Proves Global Warming Increases Lifespans*, 30 Aug 2017.  
*Google, Columbia, NASA, Germany Censor Real Climatologists' Emails*, 15 Aug 2017.  
*Is Global Warming Really A Fraud?*, 3 Aug 2017.

## **Selected Mainstream Media Articles By Me Or Quoting Me**

*The Only Agreement In The Paris Climate Agreement*, 9 May 2017, Duane Thresher, The Daily Caller.  
*Who Is Qualified To Be A Climate Spokesperson?*, 28 Apr 2017, Duane Thresher, The Daily Caller.  
*Climate Expert to Trump: Treaties Like Paris Agreement Are About 'Economic Competition'*, 24 Apr 2017, Joe Crowe, Newsmax.  
*Climate Change Skeptics Welcome Open Debate Under Trump Presidency*, 2 Jan 2017, Thomas Williams, Breitbart.