

Miles McCain

❖ *A privacy advocate, researcher, programmer, and writer who wants to make information more accessible and enact meaningful change using technology*

❖ **Programming & CS:**

- Python
- C (& Obj-C)
- Java
- JavaScript
- HTML+CSS
- Network engineering
- DataVis+Design

❖ **Interests:**

- Foreign policy
- Digital privacy & law
- Writing & journalism
- Computer programming
- Encryption & cybersecurity

333 West 20th Street
New York, NY 10011

+1 (917) 767-3107 (Signal is preferred)
miles@rmm.io | <https://rmm.io>
PGP: C21B 75E2 C880 8175

Miles McCain is a student at Phillips Academy Andover. He is an advocate for privacy and government transparency, the founder of [Politiwatch](#), and the author of [WorthHiding.com](#).

EDUCATION

Phillips Academy Andover — Junior — latest GPA: 6.0 (on 6.0 scale)

Awards: Webster Prize (*for excellence in the social sciences*), David G. Wood Fellowship (*for excellence in writing*), Physics Prize.

Leadership Positions: Blueshells (*cybersecurity team, founder*), Techmasters (*co-president*), Robotics (*co-president*), Gender & Sexuality Alliance (*board member*), WPAA (*campus radio station, board member & technician*), UNICEF Club (*board member*).

Athletics: Boys Varsity Rowing (2nd boat, sophomore year), Wrestling (former)

SELECTED INDEPENDENT PROJECTS

Collectively, my websites and projects have been used over two million times.

- > [PolitiTweet](#) — archiving the deleted tweets of public figures for journalists, researchers, and the general public. More than 1.5M tweets archived
 - > [WhoAreMyRepresentatives.org](#) — a site to easily identify all the public figures representing any given U.S. residential address, from the President to the local sheriff; featured in several major news publications
 - > [BibleOrQuran.org](#) — a site that aims to destigmatize the Qur'an by using a variety of psychological tactics designed to minimize prejudice
 - > [FOIA.fyi](#) — a site that simplifies the process of submitting a Freedom of Information Act request to the government
 - > [WorthHiding.com](#) — an online publication dedicated to issues of foreign policy, digital privacy, law, and cybersecurity; I publish on WorthHiding frequently
 - > [OPENWI:RE](#) — a weekly newsletter highlighting the best of the week's adversarial journalism and "think" pieces, with an emphasis on issues of foreign policy, digital privacy, and technology
 - > [TBIJ API](#) — an API for journalists, developers, and researchers to interact with the Bureau of Investigative Journalism's drone strike data
 - > [LibreNews](#) — an open source website and Android App that provides customizable, reliable, secure, and timely breaking news notifications
 - > [OpenParser](#) — an open-source Python library for extracting important information from unstructured webpages; popular tool for online start-ups
 - > [Other Open Source](#) — I have created and published over 30 open-source code repositories on GitHub, and have contributed to 20 others
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RELEVANT PROFESSIONAL & VOLUNTEER EXPERIENCE

Founder & Director at *Politiwatch*, a 501(c)(3) nonprofit

August 2016—present

- > Created Politiwatch, a technology & advocacy nonprofit
- > Politiwatch is a proxy for my personal work
- > Sponsors include Google, DigitalOcean, and ProtonMail

Torch (NYC startup)

Summer 2017

- > Led the development of Torch's "scraping" technology ([OpenParser](#))
- > Rebranded a major element of the Torch platform, making the platform more immediately useful and accessible to non-technical users
- > Provided the company with gigabytes of invaluable civic information

Lead Organizer at *PACTF*

September 2016—present

- > Managed sponsors, problem sets, advertising, and digital infrastructure (effectively the entire competition) for PACTF, an annual cybersecurity competition for high school students
- > Over 1,500 students actively participated in PACTF 2017 to compete for over \$20,000 worth of prizes
- > Our sponsors included Amazon, J.P. Morgan, DigitalOcean, ProtonMail, Cloudflare, Carnegie Mellon University CyLab (Security and Privacy Institute), Carnegie Mellon University Information Networking Institute, and Phillips Academy Andover

"Freelance" Programming, Writing, and Design

October 2014—November 2016

- > Created software, text, and graphics for over 200 clients
- > Projects included full-blown desktop apps, company blog posts, product descriptions, websites, and logos
- > Specialized in data-driven applications

Volunteer Work

September 2013—present

- > PDO Writing — *teaching underprivileged children to write well*
- > Coding Circle — *teaching essential computer science skills to children*