

# Charles Meyer

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## Education

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**Tufts University**, Medford MA. Bachelor of Science, May 2017 (GPA: 3.98)

**Majors:** Computer Science, Mathematics, **Minor:** Economics

**Relevant Coursework:** Machine Structure & Assembly Language, Programming Languages, Data Structures, Web Programming, Discrete Mathematics, Mathematical Modeling, Linear Algebra, Abstract Algebra I & II, Intermediate Microeconomics, Quantitative Macroeconomics

## Skills

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**Languages/ Frameworks:** C/C++, CSS, HTML, Javascript/jQuery, PHP, Python

**Technologies:** Heroku, Git, Google App Engine, NodeJS, PostgreSQL, Unix/Linux, Wordpress

## Experience

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**Raytheon BBN Technologies**, *Software Engineering Intern*, May 2015 - Present

- Designed and built a new UI for the GENI Portal, the web interface for the GENI research platform.
- Wrote PHP, PostgreSQL, and jQuery code as well as CSS, all versioned with Git/Github.

**Tufts University**, *TA for Introduction to Computer Science*, January 2014 - December 2014,

*TA for Machine Structure and Assembly Language*, January 2015 - present

- Assisted students in lab settings with introductory and intermediate computer science topics.
- Helped debug student programs, and graded projects with other course staff.

**Boston Image Works**, *Web Designer*, May 2014 - August 2014

- Worked redesigning client websites using modern responsive web technologies.
- Used content management platform Wordpress.

**Josh Cutler State Representative**, *Campaign Manager*, May 2014 - August 2014

- Led Rep Cutler's reelection campaign, and communicated with the candidate on a daily basis.
- Managed volunteers and interns, organized canvassing, phone banking, and direct mail efforts.

## Projects

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**Trendquiz:** <http://trendquiz.com>

- Web game where players match Google Trends graphs to search keywords (10,000+ plays)
- Won the Google API prize at the Tufts Spring 2014 Hackathon

**Knoknok:** <https://itunes.apple.com/us/app/knoknok/id912082179?mt=8>

- Allows roommates to communicate about who's in their room.
- Hybrid app packaged for iOS and Android using the PhoneGap platform (1000+ downloads)

**Group Project Helper:** <http://group-40.appspot.com>

- Pairs students for group projects based on the overlapping free time in their Google calendars
- Won the Tufts Tools prize at the Tufts Fall 2014 Hackathon

**Relaweather:** <http://relaweather.appspot.com>

- Reports today's and tomorrow's forecasted weather conditions relative to yesterday and today.
- Built on Google App Engine using Python, received data from WorldWeatherOnline.