

Zachary Wener-Fligner

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Education

Bachelor of Science

Massachusetts Institute of Technology, Cambridge, MA, 2014

Major: Math with Computer Science; Minor: Writing

Relevant Technical Coursework: Algorithms, Probability, Discrete Math, Linear Algebra, Differential Equations, Computer Systems, Combinatorics, Analysis.

Awards: First Place, 2013-14 MIT Writing Prize for science writing; First Place, 2013-14 MIT Writing Prize for short story; First Place, 2012-13 MIT Writing Prize for short story.

High School

James A. Garfield High School, Seattle, WA, 2010

Awards: Valedictorian, Nation Merit Finalist.

Experience

Editorial Fellow

July 2014-Present

Quartz (Atlantic Media), New York, NY

- Scraped, cleaned, and analyzed data using Python, MySQL, SQLite, MongoDB, and AWS to generate journalistic stories from data.
- Built newsroom apps using Node.JS.
- Created interactive data visualizations using Javascript and d3.js.
- Wrote stories published on TheAtlantic.com and qz.com.

Software Engineering Intern

Summer 2013

Google, New York, NY

- Build Python web application that pulled from many internal Google systems to unify Google help systems into one project.
- Build user-action logging system with AngularJS used by Google to gain insight about internal help at the company.

Software Engineering Intern

Summer 2012

Amazon, Seattle, WA

- Used Python to improve performance analytics for distributed back-end storage system.
- Build UI dashboard using Javascript and Google Charts API.

Technical Skills

Languages: Python (professional), Javascript (professional), Java (intermediate), SQL (intermediate), HTML/CSS (intermediate), C (beginner), PHP (beginner), Ruby (beginner).

Software and Tools: Unix, Git, Vim, Django, MySQL, Node.JS, AngularJS, JQuery, MongoDB.

Additional Activities

Phi Delta Theta Fraternity

Served as *Social Chair*, *Athletics Chair*, and *Recycling Chair*.

MIT News and MIT Technology Review

Wrote profiles of MIT graduate students published through MIT News Office. Wrote column reflecting on the Putnam math test published in Technology Review magazine.

MIT WMBR Radio

Hosted weekly hip-hop, funk, and R&B radio show.

Robots of MIT

Created and wrote “Robots of MIT” project satirizing “Humans of New York” that has garnered 3,000 Facebook likes as of January 2015.

Global Cooling LLC

During high school, founded and managed a mobile ice cream business that was profitable after less than a month. Managed all legal and financial aspects of the business.

General Interests Statistics and Data Science, Financial Systems, Music, Reading, Writing, Soccer, Hiking.