

Education

Massachusetts Institute of Technology

Cambridge, MA

Bachelor of Science — Computer Science and Engineering. GPA 4.3/5.0

June 2012

- Relevant Coursework: Computer Systems Engineering; Database Systems; Software Studio; User Interface Design and Implementation; Elements of Software Construction; Engineering, Innovation and Design; Managerial Psychology; Computation Structures; Algorithms
- MIT-Gordon Engineering Leadership Program
- Varsity Swimming: 2-time All American, All-Conference First Team, Academic All-American, MIT Freshman Athlete of the Year, NEWMAC Rookie of the Year

Experience

Hudson River Trading

New York, NY

Trade Operations Analyst

November 2013 - Present

Abine

Boston, MA

Process/Product Manager

August 2012 - November 2013

- Created processes to speed development and release management
- Developed Chef recipes and workflow for fully automated infrastructure
- Implemented organizational and technological systems to improve infrastructure availability and monitoring of both new and legacy systems
- Worked alongside engineering team to standardize and improve development practices
- Developed internal tools for analytics and reporting

MIT 6.170 (Software Studio) Class

Cambridge, MA

Undergraduate Teaching Assistant

February 2012 - May 2012

- Worked alongside instructional staff to develop assignments, grading specifications and quiz questions
- Taught recitations covering software design techniques in JavaScript and Python
- Evaluated and provided feedback on student assignments

Advent Software

Boston, MA

Product Management Intern

May 2011 - August 2011

- Supported features of Tamale RMS: Created requirements documents and UX mockups for scheduled projects
- Managed project execution: coordinated QA and development efforts and produced feature documentation
- Investigated new features: Met with service team and clients; compared potential technology vendors

Abine

Cambridge, MA

Software Engineering Intern

June 2010 - August 2010

- Developed browser plugins for internet user privacy
- Produced best-standards and procedure documents

Leadership

MIT Interfraternity Council

Cambridge, MA

Vice-President

September 2010 - November 2011

- Oversaw fraternity system comprised of over 1100 students, including program development
- Consulted with fraternity chapter and other student leaders; Planned and executed a budget of \$60,000

MIT Discover Electrical Engineering and Computer Science

Cambridge, MA

Freshmen Pre-Orientation Program Coordinator

January 2010 - September 2011

- Developed a five-day program in Electrical Engineering and Computer Science for incoming freshmen
- Hired and managed staff; admitted students; worked with department administrators and faculty

MIT Phi Delta Theta

Boston, MA

New Member Educator, Summer President/Treasurer, Steward

September 2008 - May 2012

- Planned a 16 week new member education program and mentored 8 MIT freshman through the program
- Administered summer residence for 40 students, including managing the finances during Summer 2010
- Coordinated nightly dinners with a professional chef and stocked residence, managing a \$60,000 budget

Skills and Interests

Languages: Python; Java; JavaScript; HTML; CSS; PHP; SQL

General: Software Architecture; User Interface Design; Organizational Leadership; Program/Project Management

Activities: Running; Novelty Endurance Races; Rowing; Flying; Swimming; Rock Climbing; Hip Hop Dance