

Work Experience

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- Google: Fulltime Software Engineer** *New York, NY*
Dec 2013 – Present
- Developer on the **Corporate Engineering** team.
- Google: Software Engineering Internship** [Java] *London, UK*
Jun – Aug 2012
- Developed on the **Android YouTube App** team.
 - Completed two projects. The first was a major user interface refactor of the video watching Activity. The second was implementing better Closed Captioning support.
- Google: BOLD Practicum** [C++] *Cambridge, MA*
Jun – Aug 2011
- Developed on the **Chromium OS** team.
 - Added a feature to the Network Usage Tracking package that records daily bandwidth usage. Also improved the abstract representation of cellular data plans.

Education

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- Massachusetts Institute of Technology**, Cambridge, MA *Feb 2014*
Candidate for Masters of Engineering degree in EECS
Overall GPA: 5.0/5.0
- Massachusetts Institute of Technology**, Cambridge, MA *Jun 2013*
Bachelor of Science degrees in EECS and Mathematics
Overall GPA: 5.0/5.0

Research and Teaching Experience

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- MIT: Undergraduate Research Opportunities Program** [Python] *Cambridge, MA*
Research Assistant *Feb 2011 – Dec 2013*
- Designed, implemented, released, and published the **Urban Network Analysis Toolbox** for ArcGIS 10, a toolbox that measures the accessibility of buildings in street-networks.
 - Presented at the 2012 ESRI GeoDesign Summit and the 2012 AAG Annual Meeting.
 - Received 2012 Spring Simulation Multiconference SimAUD Outstanding Paper Award.
- National Institute of Health: Lab of Biological Modeling** [Python, MatLab] *Bethesda, MD*
Pre-Doctoral Intramural Research Training Award *Jun – Aug 2010*
- Designed and implemented computational methods in response to a challenged presented in the 5th annual Dialogue for Reverse Engineering Assessments and Methods.
 - Composed a poster and presented methods and findings at an NIH poster session.
- MIT: Teaching Assistant** *Cambridge, MA*
Class: Introduction to EECS I [Python] *Sep – Dec 2013*
- Guided students through lab, class-work, and home-work assignments; assisted instructors with preparation of course material and assessments.
- MIT: Laboratory Assistant** *Cambridge, MA*
Class: Introduction to EECS I [Python] *Sep – Dec 2010, 2012; Feb – May, 2013*
Class: Mathematics for Computer Science *Sep – Dec 2011*
- Guided students through lab, class-work, and home-work assignments.

Skills

Computer: Proficient in Java, Python; Experience in C++, HTML, CSS, JavaScript, jQuery, MatLab
Language: Fluent in Amharic (Mother tongue), English; Basic Spanish

Awards

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- Xi Chapter of Phi Beta Kappa Honor Society *2013*
MIT Dr. Ronald E. McNair Scholar *2013*
Ron Brown Scholar *2009 – Present*
Collegiate Directions Inc. Scholar *2009 – Present*