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Michael Mekonnen

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Work Experience

Google: Fulltime Software Engineer	*New York, NY*
o Developer on the **Corporate Engineering** team.	*Dec 2013 – Present*
Google: Software Engineering Internship [Java]	*London, UK*
o Developed on the **Android YouTube App** team.	*Jun – Aug 2012*

   o 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*
o Developed on the **Chromium OS** team.	*Jun – Aug 2011*

   o Added a feature to the Network Usage Tracking package that records daily bandwidth usage. Also improved the abstract representation of cellular data plans.

Education

Massachusetts Institute of Technology, Cambridge, MA	*Feb 2014 (expected)*

    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

MIT: Undergraduate Research Opportunities Program [Python]	*Cambridge, MA*
Research Assistant	*Feb 2011 – Dec 2013*

   o Designed, implemented, released, and published the **Urban Network Analysis Toolbox** for ArcGIS 10, a toolbox that measures the accessibility of buildings in street-networks.

   o Presented at the 2012 ESRI GeoDesign Summit and the 2012 AAG Annual Meeting.

   o 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*

   o Designed and implemented computational methods in response to a challenged presented in the 5th annual Dialogue for Reverse Engineering Assessments and Methods.

   o 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*

   o 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*

   o 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

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*