Marcella Hastings

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Education and Skills

Tufts University — Medford, MA
Bachelor of Science in Computer Science, Math — *May 2015*
GPA 3.67, Dean's List 2011-2014
Languages: C/C++, Python, Java, some Javascript, Haskell, Scheme, XML, HTML/CSS
Tools: LaTeX, git, vim, OS X, Unix/Linux, Eclipse
Interests: watercolors, hackathons, reading, blogging, walking

Experience

MIT Lincoln Laboratory — Lexington, MA
Summer Research Student — *May 2014 - August 2014*
- Developed end-to-end prototype for a cryptographically secure mechanism to allow users to authenticate to services from a single fortified device

Tufts University — Medford, MA
Teaching Fellow — *September 2012 - present*
- Taught hands-on programming labs to introductory CS students and held regular office hours for one-on-one assistance
- Lead TA training sessions and small-group meetings throughout the semester to promote motivation and consistency in the TA community

Google — New York City, NY
Engineering Practicum Intern — *June 2013 - August 2013*
- Worked with a partner and two mentors to develop a saving filters feature for the DoubleClick for Publishers team
- Created the client-facing interface for the feature and implemented saving functionality in Java

Brain State Technologies — Bloomington, MN
Software Development Intern — *August 2012*
- Worked with a mentor to develop applications to assist in the retrieval, inspection, and update of XML based signal processing flow designs

Leadership

Computer Science Exchange — *September 2012 - present*
- As president for two years, led a small executive board in organizing 10-12 events per semester
- Coordinated with students and visiting professional speakers to arrange technical workshops, lectures, career preparatory nights, and other relevant events
- Led marketing campaigns, including visiting classrooms, distributing posters, and producing a weekly email digest

TuftsHack — *September 2013 - February 2014*
- Organized a 24-hour hackathon for 130 Tufts students
- Coordinated over $1500 in corporate and academic sponsorships
- Arranged for industry mentors and workshops leading up to and throughout the event

Technovation — *January 2014 - May 2014*
- Served as a university mentor to a team of high school girls building an Android app and associated business plan.

Orthodox Christian Fellowship — *September 2011 - present*
- Organized weekly discussion meetings, and coordinated with the greater OCF organization

JumboTalk — *September 2012 - present*
- Wrote regular blogs for the Tufts admissions website to give prospective students an honest look at daily life at Tufts