

## EDUCATION

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### **Tufts University**, Medford, MA

Bachelor of Science in Computer Science and Community Health, expected May 2016

GPA: 3.60, Dean's List 5 of 6 semesters

## RELEVANT COURSES

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**Computer Science:** Data Structures, Machine Structure & Assembly Language Programming, Discrete Mathematics, Web Programming, Programming Languages, Music Apps for the iPad, Computational Theory. *Fall 2015:* Algorithms, Data Visualization

**Community Health:** Health Care in America, Epidemiology, Science and the Practice of Medicine, Issues in Global Health, Race, Ethnicity, and Health, Field Methods for Global Health, Introduction to Geographic Information Systems, Bioethics. *Fall 2015:* Water, Sanitation, & Hygiene Seminar, Introduction to Health Statistics

## WORK EXPERIENCE

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### **Tufts Department of Computer Science**, Medford, MA

*Lab Leader & Teaching Fellow, Introduction to Computer Science*, January 2014 - present

- Lead multiple lab sections and teach and reinforce new computer science concepts to students
- Hold office hours to help students further their understanding of and complete projects in C++
- Grade projects completed by the students
- Organize and lead workshops to provide students with additional help and practice with course material

### **Microsoft Operating Systems Group**, Microsoft, Redmond, WA

*Camera & First Party Engineering (CaFE) Program Manager Intern*, May 2015 – August 2015

- Worked on the Camera & Computational Photography Team
- Researched, planned, and helped develop and test a Windows API for an enhanced HDR scene analyzer, to be used for the implementation of Auto-HDR in first and third-party applications on Windows' devices
- Worked with the Mobile Platform Readiness Team to streamline the process of self-hosting first-party devices to prepare the Windows mobile platform and devices for release

### **iD Tech Camps**, Massachusetts Institute of Technology; Cambridge, MA

*Instructor & Counselor*, June 2014 – August 2014

- Taught "Programming in C++", including GUI creation, and "Web Design & Digital Photography" to middle and high school students
- Taught courses in Microsoft Visual Studio and Adobe Muse, Photoshop, and Lightroom

### **Tufts Center for Interdisciplinary Studies**, Medford, MA

*Program and Office Assistant*, September 2012 – December 2013

- Updated website information and organized and managed relevant data
- Held meetings and designed posters for events and advertised for events on campus

## SKILLS

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**Languages:** C++, C, Java, HTML, CSS, Javascript, Swift, Pure Data, Scheme, ML

**Software:** Windows, Linux, OS X, Xcode, Microsoft Visual Studio, Adobe Creative Suite, ArcGIS

## ACTIVITIES, HONORS & INTERESTS

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### **TEDxTufts**, Organizer, October 2014 - present

- Founding member and organizer of TEDxTufts, an independently organized TED event

### **Tufts Wilderness Orientation**, Trip Leader for Pre-Orientation Outdoor Trips, March 2013 – present

### **Peer Health Exchange**, Senior Health Educator, September 2012 – May 2014

**Honors:** 2015 GHC Scholarship Grant Recipient (*Grace Hopper Celebration of Women in Computing*)

**Interests:** Hackathons (PolyHack, Music Hack Day, & TuftsHack), graphic design, photography, music, hiking, travel