

EDUCATION

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

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

Tufts Department of Computer Science, Medford, MA

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

- Lead multiple lab sections and teach and reinforce new concepts to students
- Work with students to further their understanding of and complete projects in C++
- Grade projects completed by the students
- Hold office hours to further aid students

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

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

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

ACTIVITIES, HONORS & INTERESTS

TEDxTufts, *Organizer and Web & Design Lead*, October 2014 - present

- Founding member and organizer of TEDxTufts. In charge of design and website projects.

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 (2014: Music Hack Day & TuftsHack), graphic design, photography, music, hiking, travel