

Education

Northeastern University

Boston, MA

Candidate for Bachelor of Science in Computer Engineering and Computer Science

May 2019

Minor in Business Administration

GPA: 3.752

Achievements: Dean's List, Academic Scholarship, Honors Program, Study Abroad in Northern Italy

Relevant Courses: Engineering Design, Engineering Problem Solving, Multivariable Calculus, Differential Equations, Embedded Design: Enabling Robotics, Physics 1, Physics 2, Fundamentals of Computer Science 1, Discrete Structures, Organizational Behavior

Campolindo High School

Moraga, CA

High School Diploma

June 2014

Extracurricular: Volleyball, Academic Decathlon, Model UN, Journalism, Future Business Leaders

Achievements: AP Scholar with Distinction, Journalism Award, Academic Decathlon National Championship Team

Programming Languages: C++, HTML/CSS, C, Python (preferred), Swift

Skills: Microsoft Suite, Adobe Photoshop, InDesign, Solidworks, AutoCAD, Xcode, App Inventor, Parse, OpenCL, CUDA, Matlab, JSON, jQuery

Experience

Executive Assistant

Watertown, MA

Nightingale Apps

September 2015-Present

- Developed an online presence for Nightingale Apps and their products.
- Worked with Nightingale's founder to generate an appropriate tone and strategy for marketing.

Tech Team Mentor

Cambridge, MA

Science Club for Girls

September 2015 – Present

- Created a curriculum that teaches middle and high school girls about marketing, entrepreneurship, and app development using MIT's App Inventor.
- Aided a group that will compete in Technovation, a global challenge for young, female app developers to create an app that addresses a problem in their area.

Honors Program Mentor

Boston, MA

Northeastern University

September 2015-Present

- Advised 20 freshmen by helping with homework, leading class discussions, answering questions about the Honors program and Northeastern University, and taking attendance.
- Led community tours of the South End neighborhood.

Research Assistant

Boston, MA

Smile Lab

February 2015-June 2015

- Compiled and organized data for image recognition software project.

Lifeguard

Moraga, CA

Moraga Ranch Swim Club

March 2012-October 2014

- Supervised members of the swim club, ensured that rules of club were followed, and maintained the pool grounds by cleaning and monitoring chemical levels.

Activities

Researcher, NUCAR Group

2014-Present

- Researched computer architecture concepts, with a focus on parallel computing using OpenCL.
- Currently optimizing a Polybench suite and working on pre-fetch strategies for GPUs.

Student Activity Council Representative, Society of Women Engineer 2014-Present

- Participated in several volunteer events, such as the Strides for Breast Cancer Walk, Women in Engineering Day, and the Habitat for Humanity ReStore Day.
- Organized events including an End of the Year Potluck and Freshman Night.
- Attended the Women in Engineering Conference in Nashville.

Member, Enabling Engineering 2015-Present

- Developing a mobile application in iOS and a web application that will allow physical therapists to monitor their clients' progress at home using Arduino.
- Used Parse to collect and store data for project.

Member, Institute of Electrical and Electronics Engineer 2014-Present

- Attended weekly lectures on electrical engineering topics by professionals.
- Participated in workshops learning about programming in Swift, Arduino, and more.

Member, Engineers without Borders 2014-Present

- Analyzed viability of installing a Solar Pump generator as part of the Uganda program in Bbanda.
- Researched and later established a relationship with NGOs in the area.
- Wrote parts of the Scranton funding proposal.

Member, Make School June-August 2015

- Learned about marketing, app development, and entrepreneurship from founders.
- Created my own app, Bites Log, using Foursquare's API.

Interests: Honors Book Club, NU Blades Fencing Club