**Sarada Symonds** |801-865-0464 | [symonds.s@husky.neu.edu](mailto:symonds.s@husky.neu.edu) | saradasymonds.com

**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