

Sarada Symonds

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Education

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

Northeastern University

Boston, MA

Candidate for Bachelor of Science Computer Engineering and Computer Science

May 2019

GPA: 3.75

Achievements: Dean's List, Academic Scholarship, Honors Program, Honors Program Mentor, Global Experience Ambassador, Dialogue of Civilizations in Northern Italy (Summer 2015), Study Abroad in Ireland (Spring 2017), GE Women's Network Scholarship Recipient, RISE Award Recipient, Ada I. Pressman Memorial scholarship recipient

Relevant Courses: Computer Networks, Artificial Intelligence I, Algorithms and Data Structures, Object Orient Design, Digital Logic Design, Fundamentals of Engineering Algorithms, Circuits and Signals, Logic and Computation, Discrete Structures, Engineering Design, Engineering Problem Solving, Multivariable Calculus, Differential Equations, Embedded Design: Enabling Robotics, Physics 1 and 2, Fundamentals of Computer Science 1 and 2, Discrete Structures, Organizational Behavior, Forensic Psychology, Theoretical Probability and Statistics

Experience

Developer Co-op

San Francisco, CA

Yeti LLC

July 2016-December 2016

- Worked with small teams of developers and designers to deliver website and mobile applications for clients from diverse fields, including electronics and wearables, educational software, and entertainment.
- Broadened my frontend and backend development skillset by researching and using technologies such as Django, PostgreSQL, React, and Heroku for different projects and attending technology meet ups in the area.
- Wrote several blog articles for company website, which led to contact requests by potential clients.

Research Assistant

Boston, MA

Northeastern College of Computer and Information Sciences

January 2016-June 2016

- Focused on using cloud computing as a testbed for evaluating security in research and teaching environments
- Worked with other research assistants to streamline the process of launching a secure execution environment

Tech Team Mentor

Cambridge, MA

Science Club for Girls

September 2015 – Present

- Created a curriculum that will teach girls about marketing and app development using MIT's App Inventor.
 - Aided a group that competed in Technovation, an international challenge that encourages girls to create a mobile app to address a problem in their community, as well as other mobile application competitions.
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Activities

Publicity Chair, Webmaster, Student Activity Council Representative, Society of Women Engineers

2014-Present

- Organized Northeastern University's Women in Engineering Day, which introduced high school girls to various facets of engineering through panels and activities and was attended by over 100 people.
- Volunteered at events such as the Strides for Breast Cancer Walk and the Habitat for Humanity ReStore Day.
- Communicated with members of the group via social media with information about chapter events.

Researcher, Enabling Engineering

2015-2016

- Developed a mobile application and wearable device that would allow physical therapists to monitor their patients' progress remotely, with a focus on therapists working with children with cerebral palsy.
- Won Northeastern University's 2016 Research, Innovation, Scholarship, and Entrepreneurship (RISE) Award in Undergraduate Engineering and Technology.

Researcher, NUCAR Group

2014-2015

- Researched computer architecture concepts, with a focus on parallel computing using OpenCL and CUDA.
- Optimized a Polybench suite and worked on prefetch strategies for GPUs.

Skills

Programming Languages: C++, Python, Javascript, Java, HTML/CSS, Matlab, CUDA, OpenCL, Swift, C, Prolog

Software: Microsoft Suite, Adobe Photoshop, InDesign, Solidworks, AutoCAD, Xcode, App Inventor