

Melissa Lin

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EDUCATION

Boston University

Boston, MA

Candidate for Bachelor of Science in Computer Science, GPA: 3.6/4.0

June 2022

- Coursework: Introduction to Computer Science 1, Introduction to Computer Science 2, Geometric Algorithms, Combinatorics Structures, Probability in Computing

Stoneham High School

Stoneham, MA

June 2018

- 3.9 Unweighted GPA, 4.6 Weighted GPA
- Relevant Courses: AP Computer Science Principles, AP Calculus AB, AP Physics 1

EXPERIENCE

Open Vision Technology

Stoneham, MA

Technical Intern

Summer 2018

- Developed and reviewed software for semiconductor wafer handling demo robots to use at various client meetings and showcases using C++
- Presented demo robots to potential clients
- Created documentations with instructions for various aligners and wafer handling robots
- Designed graphics and icons to use for various applications
- Aided in the development of the company's internal website

ACTIVITIES & VOLUNTEER WORK

BostonHacks

Head of Marketing Team

September 2018 - present

- Helped organize BostonHacks 2018, where hundreds of students gather to engage in collaborative computer programming
- Overseeing the digital design layout and graphic art to promote the hackathon
- Executing the marketing and social media plan for the semester to further develop the association presence in BU's community as well as the overall tech community

Hack4Impact Boston University Chapter

Junior Product Manager

October 2018 - present

- Member of programming club dedicated to promoting social good through web development technology
- Aided in the development and design of data visualizations for nonprofit that helps victims of human trafficking
- Co-leading a team of programming in the development of an android app that teaches entrepreneurship to students in Cambodia

Programming Club at Stoneham High School

Founder and President

October 2017 – May 2018

- Established club that aims to teach students about computers and coding while engaging them in various projects
- Led workshops teaching HTML and CSS
- Led a team of students to develop a network-wide ad-blocker with Raspberry Pies.

ADDITIONAL PROJECTS

GOBIZ

- An Android application developed with a team of five students as an educational platform that teaches the basics of entrepreneurship to students in Southeast Asia, with user profiles keeping track of progress and a forum in which students can communicate with each other.

ARTEFATTO

- A website built for BostonHacks. It displays data from past events, the history of BostonHacks, and a list of the current organizers on the team.

LIFE OF FREEDOM CENTER VISUALIZATIONS

- Custom Visualizations created using CiviCRM and SQL for a nonprofit that assist grass roots organizations and non-profits involved in anti-trafficking to manage their case management, day-time outreach to businesses, night time outreach and internet and phone outreach.

SKILLS AND INTERESTS

Technical Skills: MATLAB, Python, HTML, JavaScript, SQL, CSS, C/C++, Java, LaTeX, UNIX/LINUX, Windows10/XP, React, Node.js, Git/Github

Languages: Mandarin (conversant), Cantonese (conversant), English (fluent), French (intermediate)