

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

Stoneham Public Library

Stoneham, MA

Library Page

Summer 2018

- Aided in selecting, cataloging and classifying library resources
- Answered inquiries from patrons
- Assisted patrons to select materials
- Operated cash drawer, telephone, and main desk
- Assisted patrons in the use of computer equipment

Private Tutor

Stoneham, MA

Math Tutor

December 2016 – April 2018

- Tutored two students in Algebra I, II, Geometry, and Trigonometry a few times a week
- Helped prep students for exams such as MCAS and SSAT

ACTIVITIES & VOLUNTEER WORK

BostonHacks

Head of Marketing Team

September 2018 - present

- Responsible for outreaching to schools within the Northeast and Canada
- Responsible for managing social media accounts for BostonHacks
- Helped organize BostonHacks 2018, where hundreds of students gather to engage in collaborative computer programming
- Implemented front-end for a login system using React for a web application that helps sponsors manage information about the hackathon

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
- Overseeing the development of an android app that teaches entrepreneurship to students in Cambodia for the ILO

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

HEXCOLOR CLOCK

- Simple color clock that represents the time as a hexadecimal color which is then used as the background color. Written in JavaScript, CSS, and HTML

SKILLS AND INTERESTS

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

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

Interests: Machine Learning, Web Development, Piano, Crocheting, History, Photography