

Wesley Mui

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Education

Stony Brook University

Expected Graduation: December 2023

B.S. Applied Math and Statistics and Computer Science | GPA: 3.75/4.0

- Relevant Coursework: Intro to Object-Oriented Programming, Data Structures, Analysis of Algorithms, Systems Fundamentals, Discrete Math, Finite Mathematical Structures, Probability & Statistics
- MOOC (Massive Open Online Course): CodePath iOS University, CodePath Technical Interview Prep

Projects

SBUMaps – Tech Businesses in Development: Vertically Integrated Projects Program

February 2021 - Present

- Established the wireframes of a web/mobile application with a team of 8 members for students to easily navigate around campus and provide reviews for dorms, dining halls, and study areas
- Utilized Dijkstra's algorithm to convert blueprints of buildings around campus into graph networks

Zork – CSE214: Data Structures

April 2021

- Developed a choose your own adventure game where user is able to follow a storyline and edit different parts
- Used Java's PrintWriter and File I/O to allow user to import and save their story files

Fox in A Hole – SBUHacks 2020

September 2020

- Utilized fundamentals of Java Graphical User Interface (GUI) to create backend functionality for a logical guessing game involving a fox hidden in several holes
- Designed background graphics for five image frames that were incorporated into the final product

Work Experience

HKP Solutions - Web Development Intern

December 2020 – February 2021

- Completed a rigorous 6-week training program ahead of time to further develop skills in HTML, CSS, JavaScript, React, and Redux, which culminated in constructing a responsive personal website with six different pages
- Organized time efficiently to complete necessary tasks for the scrum master of the web development team utilizing daily check-ins and receiving feedback for code pushed to a GitHub repository

9/11 Memorial - Retail Greeter

July 2019 – August 2019

- Assisted 200+ customers in the museum's central merchandise store
- Educated customers on the background behind museum artifacts and merchandise

Leadership

CEAS Peer Mentoring Program - Mentor

May 2021 - Present

- Led weekly meetings with 3-4 freshmen mentees to provide a reliable source of support in their transition to Stony Brook and encourage academic, social, and community involvement
- Actively communicated with other mentors in the program to plan CEAS events for mentees

Cantonese Club – Event Coordinator

May 2021 - Present

- Coordinated and organized 1-2 events per month with over 100+ attendees to promote Cantonese culture
- Designed 10+ itineraries and presentation slides using Google Sheets and Google Slides

Key Club

Executive Assistant

March 2019 – April 2020

- Led a committee of 9-10 members in planning division-wide events and fundraisers
- Worked with lieutenant governor and divisional board in planning and coordinating divisionals, where 9 high schools from Manhattan and the Bronx gather for monthly updates and bonding activities

Projects Committee Head

May 2017 – April 2018

- Organized and oversaw a service year with 180+ service events and 8000+ volunteer hours
- Actively communicated with coordinators of 50+ nonprofit organizations, including Leukemia & Lymphoma Society and Riverside Park Conservancy

Skills

Programming Languages: Python, Java, C++, Swift, R, HTML, CSS, JavaScript

Design Tools: GitHub, Adobe Photoshop, Lightroom, iMovie

Certifications: Programming for Everybody (Getting Started w/ Python), Python Data Structures (Coursera)