

Tsz Kit Wong

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Education

Boston University, College of Arts and Sciences, Boston, MA

May 2025

Bachelor of Arts, Computer Science

Awards/Honors: Upsilon Pi Epsilon Honor Society, Tri-Alpha Honor Society, University Scholarship

Relevant Coursework: Introduction to CS I (Python), Introduction to CS II (Java, Basic Data Structures), Calculus I, Discrete Mathematics, Linear Algebra, Computer Systems, Probability and Statistics

Hamden High School, Hamden, CT

Jun 2021

Awards/Honors: High Honors 2017-2021, Science Scholar Award, National Honor Society, Spanish National Honor Society

Employment / Volunteer Experience

Boston University Department of Psychological & Brain Sciences – Boston, MA

Sep 2022 – May 2023

Senior Office Assistant

- Processed over 200 orders of equipment & supplies for the department using BU's standardized system (Ariba Guided Buying)
- Implemented Google Sheets and Excel spreadsheets to accurately track and catalog inventory in an efficient, timely manner
- Communicated effectively with suppliers and vendors to expedite orders and resolve any issues

TechTogether (Hackathon) – Boston, MA

Oct 2022 – Jan 2023

Staff Volunteer

- Provided logistical and general support to approximately 150 hackers regarding rules, guidelines, and expectations of the event
- Coordinated with event organizers to facilitate the smooth running of the event, ensuring that necessary resources were provided

Project Experience

Upsilon Pi Epsilon Team Sorting Website

Oct 2022

- Launched and hosted an interactive site for our honor society's biannual new member initiation ceremony on GitHub Pages
- Designed and developed a minimalistic BU-themed web page using HTML/CSS and Bootstrap framework

Stock/Crypto Price Web Scraper

Jul 2022

- Developed a terminal-based Python web scraper program utilizing the BeautifulSoup library to scrape and parse real-time stock and cryptocurrency information from the HTML files of MarketWatch.com.
- Information gathered: current market price, daily change (\$ and %), market status, and the time the data was gathered
- Allows users to create a viewing list by adding or removing tickers and updating the information with accurate, current statistics
- Developed a simplified Discord bot version of the program utilizing Discord's API and developer portal

Eight Puzzle Solver (Variation of the 15 Puzzle)

Apr 2022

- Developed a Python program that finds the fewest number of moves to solve the puzzles by the user-selected algorithm
- Utilized Greedy, DFS, BFS, and heuristic-based search algorithms to rearrange the 3x3 matrices into numerical order
- Outputs the time it took for the algorithm to find the solution and the number of required moves for the given solution

Leadership Experience

Terrier Motorsport, Electrical Team Deputy Project Lead

Dec 2022 – May 2023

- Oversee project source control and development of the telemetry system for Boston University's Formula SAE competition car
- Make executive decisions on project structure, conduct validation test, and coordinate strategies with other project leads
- Provide leadership and support to a 12-person sub-team to ensure cooperation between members and maximize work efficiency
- Hosted workshops teaching sub-team members the fundamentals of version control (Github) and Arduino programming

Technical Skills

- IDEs & Software: GitHub, IntelliJ IDEA, PyCharm, VSCode, Spyder, Postman, Atom, Google Workspace, Microsoft Office
- Programming Languages & Tools: Python, Java, HTML/CSS & Bootstrap, Git