

Robin Buchthal

Honolulu, HI | rbuchthal25@brandeis.edu | (808) 927-4846 | <http://linkedin.com/in/robinbuchthal>

Education

Brandeis University, Waltham, MA Expected May 2025

Bachelors of Arts Candidate, Major in Computer Science, Minor in Pure Mathematics | GPA: 3.5 | Dean's List

Selected Coursework: Operating Systems, Data Structures, Fundamentals of Software Engineering, Fundamentals of Artificial Intelligence, Python, Java, Linear Algebra, Mathematical Proofs, Calculus 1, 2, & 3

Experience

Bit by Bit Coding | Brandeis University, Waltham, MA September 2023 - Present

Web Developer & Digital Media Coordinator

- Partnered with other web developers to create and update the club's online presence to increase user-friendliness
- Assembled the website through Javascript, CSS, and HTML
- Orchestrated club campaigns to maximize club participants as well as handle the club's social media channels

Brandeis University, Waltham, MA September 2023 - Present

Multivariable Calculus and Calc I Grader

- Collaborated with the professor and fellow grader to create comprehensive solutions for the homework to help boost students in their understanding of course material and ensuring accuracy in their work methods
- Responsibilities included grading homework assignments with careful attention to detail, while providing constructive feedback to further increase student's proficiency

Brandeis Entrepreneurship and Technology Association, Waltham, MA February 2024 - Present

Public Relations Officer

- A club that help inspire start-ups, support early stage founders, and connect individuals with meaningful opportunities through networking labs, consulting with industry leaders, and an exclusive job listing board

Brandeis University, Waltham, MA September 2023 - December 2023

Python Teaching Assistant and Grader

- Worked closely with the professor and fellow teaching assistants to support students in improving their python programming skills and coding proficiency
- Holding bi-weekly student office hours providing timely feedback and fostering an open environment, where students could seek clarification on course material or provide guidance on homework, leading to student's academic success

California Pizza Kitchen, Honolulu, HI June 2023 - August 2023

Hostess

- Greeting and welcoming customers in a friendly and professional manner and effectively communicating with them about available seating, providing a positive first impression of the restaurant
- Maintained and cleaned the front-house area including restocking the bathrooms and helping the servers bust their tables
- Resolved the concerns and complaints of customers promptly and tactfully to ensure customer satisfaction

Side Projects: <https://github.com/rbuchthal25>

Image Classification AI Tool: <https://github.com/EfrenHaskell/EMNISTclassifier.git>

- Collaborated with a team of 4 to classify and predict handwritten character digits using Pytorch in order to develop a Convolutional Neural Network, where we trained it on the EMNIST dataset

Skills and Interests

Languages: English, Spanish (Intermediate)

Skills: Python, Java, JavaScript, HTML/CSS, SQL, Shell Scripting, GitHub, Web Development, Communication, Grading

Systems: Eclipse, Linux, VS Code, Atom, Jupyter Notebook