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Education

Boston, MA	Boston College	Fall 2021 – May 2025
<ul style="list-style-type: none">• B.A. in Computer Science, B.A. in Philosophy. GPA: 3.7.• Relevant Coursework: Machine Learning, Operating Systems, Algorithms, IOS App Development.• SAT: 1540 (99th percentile, perfect 800 Math)		

Employment

Explore SWE Intern	Microsoft Corporation	Summer 2023
<ul style="list-style-type: none">• Spearheaded a UX improvement project within Cloud + AI, enhancing a B2B SaaS marketplace page.• Developed list and card product views, improved filtering, and standardized components for enhanced accessibility. HTML/CSS/TS, React, C#.• Streamlined data processing and presentation, prioritizing a customer-centric approach to boost page speed and readability.		

New Technologist Intern	Cyborg Mobile at Microsoft	Summer 2022
<ul style="list-style-type: none">• 1 of 100 selected from 2,000+ applicants worldwide to be a New Technologist.• Collaborated with a team of six using agile methodology to develop a goal-sharing social media platform designed for college students. HTML/CSS/JS, React, Fluent UI.• Iterated through the five-stage Design Thinking model to develop a human-centric solution and deliver an MVP.		

Researcher	Brain Health Alliance	Spring 2021 - Fall 2021
<ul style="list-style-type: none">• Researched and developed a bibliographic format convention that parses 43% faster than conventional formats.• Created a bibliographic format converter with an import/export feature for use with \LaTeX. C#.• Led and moderated weekly discussions and presentations on innovative technology and problem-solving.		

Projects

- **Short-Term Financial Market Prediction using Machine Learning.** Achieved **63% accuracy** in predicting short-term stock market performance by fitting a **random forest** and an **AdaBoost boosted decision stumps** model to selected stock indicators. **Python, Sklearn, Pandas, Matplotlib**
- **College Marketplace, IOS App.** Boston College themed marketplace where each user can post images and descriptions of their products, and view other users' products. Supports Google authentication and email login. **Swift, Firebase**

Additional Experience and Awards

- **Current role: SWE Intern at Microsoft**
- **President, The Philosophical Society:** Leading weekly discussions on a variety of philosophical topics.
- **Language:** Spanish (native), English (native), French (proficient), **Nepali** (conversational).
- **Honors:** *The Rochester Computing Medal and Scholarship Program, Computer Science Underclassmen Award.*
- **Interests:** Powerlifting, philosophy, mixed martial arts, nature, dogs and anime.

Languages and Technologies

- Python, TS/CSS/HTML, React, Swift, Java, C, C++, Rust, C#, Git, Node, Linux, Firebase.