

Raymond Yeo

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EDUCATION

Brown University, *B.S. Computer Science-Economics*, 3.71 Providence, RI | Expected Graduation May 2023

- **Significant Coursework:** Algorithms and Data Structures, Data Science, Deep Learning [Fall 2021], Statistical Inference, Linear Algebra [Fall 2021], Cybersecurity Ethics, Urban Studies, Economic Inequality in the US [Fall 2021]
- **Organizations:** Social Innovation Fellowship, Food Recovery Network @ Brown, Intramural Soccer, Brown Sports Convos

EXPERIENCE

Brown University Department of Economics | Research Assistant April 2021 – Present

- Conducting research on climate change and its effect on quality adjusted population density with Professor David Weil
- Performing data cleaning and analysis on geospatial and climate-related histories and projections

Juni Learning | Computer Science Instructor September 2020 – Present

- Teaching students the fundamentals of computer science through Scratch, Python, PyGame, Java, and APCS
- Coordinating with parents and staff leads to help foster a customized, positive remote learning environment for each student

Brown University IT Service Center | Student Technician January 2020 – May 2020

- Assisted students and faculty members with their technical difficulties through telephone, email, and chat
- Facilitated smooth functioning of the technology loaner program by taking inventories and ensuring data safety through reimaging processes

LEADERSHIP

Social Innovation Fellowship | Fellow September 2021 – Present

- Member of a two-year developmental program that focuses on driving positive social change through innovation
- Attending weekly trainings and workshops led by the Social Enterprise Greenhouse to develop leadership skills

AsianFeed | Director of Operations January 2021 – Present

- Managing content generation workflow between the writing, editing, and executive teams
- Serving as the main coordinator for all writing-based content featured on the AsianFeed website
- Engaging in executive team meetings discussing short-term and long-term platform goals

Cress Health | Director of Operations May 2020 – May 2021

- Oversaw 40+ undergraduate and graduate interns spanning across Cress' product development teams
- Led generation of positivity cards, lifestyle tips, and guided meditations to improve the Callie app
- Spearheaded internship recruitment efforts by posting job openings and screening applications/resumes

PROJECTS

Workout Tracker App, *Personal* | SwiftUI July 2020 – Present

- Working on a minimalist App Store application that one can use to log weightlifting and running workouts
- Improving upon existing Git and Github knowledge in the process, while also gaining new expertise in SwiftUI

K-Means Clustering, *Coursework* | Python April 2021

- Implemented the K-Means unsupervised ML algorithm and applied it to image compression and song feature clustering
- K-Means algorithm was tested against Scikit-learn's built in function and cluster performance was evaluated using an elbow point plot

Baseball Trade Analyzer, *Hack@Brown* | Python January 2021

- Trade analyzer obtains key statistical categories of each player through web scraping
- Computes a weighted sum of relevant statistics and calculates the "fairness" as the difference between each player's sums

SKILLS & INTERESTS

Software:

- *Programming Languages:* Python, Java, C, JavaScript, HTML/CSS
- *Data Science Tools:* Stata, R, SQL
- *Technical:* Git, GitHub, Linux, LaTeX, Microsoft Word, Microsoft Excel

Languages: English, Korean (proficient), Chinese (elementary)

Interests: Lakers, Dodgers, Soccer, Fitness, Reading, Piano, Buddhist Philosophies, Stoicism, Animated Films