

Raymond Yeo

Los Angeles, CA 91803 • raymond_yeo@brown.edu • 213-703-5999
LinkedIn: <https://linkedin.com/in/raymond-yeo> • Website: <https://rayyeo.com>

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, Computer Systems, Statistical Inference, Linear Algebra, Cybersecurity Ethics, Macroeconomics, Economic Inequality in the US, Intro to Public Policy, Urban Studies
 - **Organizations:** Social Innovation Fellowship, Food Recovery Network @ Brown, Intramural Soccer, Brown Sports Convos

EXPERIENCE

- bosWell** | Technical Operations Intern September 2021 – Present
- Utilizing Tableau to restructure bosWell's food pantry mapping visualizations, an important system used for both internal management and to provide visual substance for food bank sites, health plan systems, and investors
 - Generating customer leads among Managed Care Organizations and Accountable Care Organizations in Vermont, Rhode Island, and Massachusetts
- 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 climate-related histories and projections in R, Stata, and Python
- Brown University IT Service Center** | Student Technician January 2020 – Present
- Assisting students and faculty members with their technical difficulties through telephone, email, and chat
 - Facilitating smooth functioning of the technology loaner program by taking inventories and ensuring data safety through reimaging processes
- Juni Learning** | Computer Science Instructor September 2020 – August 2021
- Taught students the fundamentals of computer science through Scratch, Python, PyGame, Java, and APCS
 - Coordinated with parents and staff leads to help foster a customized, positive remote learning environment for each student

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
- Cress Health** | Director of Operations May 2020 – May 2021
- Oversaw 40 undergraduate and graduate interns spanning across Cress' product development teams, whose duties included generation of positivity cards, lifestyle tips, and guided meditations to improve the Callie app
 - Spearheaded internship recruitment efforts by posting job openings as well as screening applications and resumes

PROJECTS

- Lift and Run** | Swift
- Working on a minimalist App Store application that one can use to log weightlifting and running workouts
 - Gaining new expertise in Swift, SwiftUI, MVVM architecture, and CoreData incorporation with mobile applications
- K-Means Clustering** | Python
- 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** | Python
- Trade analyzer created for a Hack@Brown event, obtains key statistical categories of each MLB 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:

- *Languages:* Python, Java, C, JavaScript, HTML, CSS, Swift, SwiftUI, 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