Raymond Yeo

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EDUCATION

Brown University, *B.S. Computer Science-Economics, 3.71*   Providence, RI | Expected Graduation May 2023
- **Significant Coursework:** Object Oriented Programming, Algorithms and Data Structures, Data Science, Statistical Inference, Cybersecurity Ethics, Urban Studies, Macroeconomics, Microeconomics
- **Organizations:** 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 and Brown's Department of Economics

Juni Learning | Computer Science Instructor   September 2020 – Present
- Teaching students the fundamentals of computer science through Scratch, Python, PyGame, and Java
- 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

AsianFeed | Director of Operations   May 2021 – Present
- Coordinating content generation workflow between the writing, editing, and executive teams
- Engaging in executive team meetings discussing short-term and long-term platform goals
- Spearheading internship recruitment efforts by posting job openings and screening applications/resumes

Social Innovation Fellowship | Cohort   March 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 – Present
- Overseeing 40+ undergraduate and graduate interns spanning across Cress' product development teams
- Leading generation of positivity cards, lifestyle tips, and guided meditations to improve the Callie app

PROJECTS

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

Shell Terminal, *Coursework* | C   October 2020
- Constructed a shell terminal that takes terminal inputs and parses commands to operate as a Linux terminal
- Shell terminal can launch jobs to run in both the foreground or background, maintains a list of job IDs, and responds to terminal signals

SKILLS & INTERESTS

Software:
- *Programming Languages*: Python, Java, C, JavaScript, HTML/CSS
- *Data Science Tools*: R, SQL, Pandas, NumPy, Scikit-learn
- *Technical*: ArcGIS, Git, GitHub, Linux, LaTeX, Microsoft Word, Microsoft Excel

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

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