Raymond Yeo

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EDUCATION

Brown University, *B.S. Computer Science-Economics, 3.78*   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
- **Organizations:** Social Innovation Fellowship, IT Service Center Technician, Intramural Soccer, Brown Sports Convos

WORK EXPERIENCE

bosWell | Technical Operations Intern   September 2021 – Present
- Utilize Tableau to restructure bosWell's food pantry mapping visualizations, an important system used for internal management and sales pitches
- Generate customer leads among Managed Care Organizations and Accountable Care Organizations in New England
- Assist with various business operations and marketing strategies

Brown University Department of Economics | Quantitative Research Assistant   April 2021 – October 2021
- Contributed to two papers on quality-adjusted population density under the supervision of Dr. David Weil
- Performed data cleaning, analysis, and scraping on large datasets containing climate-related histories and projections in R, Stata, and Python
- Analyzed research papers and literature on climate volatility and reported findings to a team of principal investigators

Juni Learning | Computer Science Instructor   August 2020 – August 2021
- Taught grade school students the fundamentals of computer science through Scratch, Python, PyGame, and Java projects
- Coordinated with parents to help foster a customized, positive learning environment for each student
- Refined skills on breaking down complex topics into everyday terms

LEADERSHIP EXPERIENCE

Social Enterprise Greenhouse | Social Innovation Fellow   September 2021 – Present
- Selected as a member of a paid, two-year developmental program focusing on driving positive social change through innovation
- Attend weekly trainings and workshops led by the Social Enterprise Greenhouse to develop leadership skills and an entrepreneurial mindset

Cress Health | Director of Operations   May 2020 – May 2021
- Oversaw 40 undergraduate and graduate product development interns
- Spearheaded internship recruitment efforts by posting job openings as well as screening applications and resumes
- Directed a Cress Cares project by leading a team of web developers to design a landing page for the Kakuma Refugee Camp

PROJECTS

Course Rating Predictor | Python, TensorFlow, Numpy, scikit-learn
- A classification model that estimates course and professor ratings based on Brown University student text feedback
- Model structure includes embedding, dropout, LSTM, and dense layers

Food Pantry Mapping | Python, Tableau
- Obtained food pantry and medical provider network addresses and contact information through web scraping
- Converted addresses to latitude and longitude using an API and displayed data on a map using Tableau

Shell Terminal | C
- 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 and background, maintains a list of job IDs, and responds to terminal signals

SKILLS & INTERESTS

Software:
- *Languages*: Python, Java, R, SQL, C, Stata, JavaScript, HTML/CSS, Swift/SwiftUI, Solidity
- *Technical*: Tableau, Git, GitHub, Linux, LaTeX, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

Languages: English, Korean (proficient)
Interests: Lakers, Dodgers, Soccer, Fitness, Reading, Blockchains, Piano, Stoicism, Animated Films