

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, 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

Lift and Run | Swift, SwiftUI

- Developing a minimalist App Store application that functions as a weightlifting and running workout tracker
- Gaining new expertise in Swift, SwiftUI, MVVM architecture, and CoreData incorporation with mobile applications

MNIST Neural Network | Python

- Built a single layer neural network that takes an image of a handwritten digit and predicts its class (digit 0-9)
- Model maximizes efficiency by training in batches, and improves accuracy through gradient descent and backpropagation

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, C, JavaScript, HTML, CSS, Swift, SwiftUI, Stata, R, SQL
- *Technical:* Tableau, Git, GitHub, Linux, LaTeX, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

Languages: English, Korean (proficient)

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