

EDUCATION

STANFORD UNIVERSITY (B.S, SYMBOLIC SYSTEMS '20, M.S CANDIDATE, COMPUTER SCIENCE '22)

Current GPA: 3.67

EXPERIENCE

LEAD SOFTWARE ENGINEER, COOKEZ (2020)

CookEZ is a seed stage startup that seeks to use a digital platform to deliver fresh produce and recipes locally to its customers.

- Build full stack technical infrastructure using React / React Native, Firebase, Express, Node, various APIs
- Document code base and manage version control with readability, longevity, and modularity in mind
- Develop technical and behavioral assessments and interview interns + oversee technical onboarding

SOFTWARE DEVELOPMENT INTERN, FORMALLY (2020)

Formally is a social impact startup that offers a streamlined and accessible digital platform to make the US asylum seeking process streamlined and accessible to those seeking asylum, immigration, or citizenship.

- use Figma, React, Node to design and implement UX of web and mobile platform
- modularize and re-structure code-base for documentation, generalizability, and scalability
- build system for unit, integration, and e2e testing using mocha, chai, jest, puppeteer

DATA SCIENCE AND SOFTWARE ENGINEERING INTERN, AEROBOTICS (2019)

Aerobotics is a social impact startup that uses aerial drone imagery, computer vision, and big data analysis techniques to provide an end-to-end solution to help farmers with management of yield management, pest and disease, and crop protection.

- contributed to unsupervised image semantic segmentation using PyTorch
- helped build an internal toolkit for managing user databases using Angular

RESEARCH ASSISTANT, POLDRACK LAB AT THE STANFORD PSYCHOLOGY DEPARTMENT (2016-18)

The Poldrack Lab is a cognitive neuroscience lab that uses an algorithmic approach, neuroimaging techniques, and neuroinformatics tools to investigate and map the relationships between different dimensions of executive control, decision making, and memory/learning in the human brain.

- developed cognitive tasks and analyzed behavioral data using JavaScript, Python, and R.
- performed comprehensive review and meta-analysis of neural-behavioral economics literature
- operated fMRI scanner, monitored human subject, and helped maintain neural imaging database

PARTNER SOFTWARE ENGINEER, RAHEEM AI (2018)

Raheem AI is a chatbot and data visualization platform that allows rating, reporting, and intuitive interaction with police incidents topographically to empower communities of color to inform themselves of navigation of safe routes and community climates.

- developed user-facing chatbot using Microsoft Azure services
- implemented UX design decisions for user accessibility and intuitive use
- incorporated NLP and other ML toolkits for robust, meaningful user experience and analytics

TEACHING ASSISTANT, STANFORD UNIVERSITY - DEPARTMENT OF PSYCHOLOGY (2018)

PSYCH1 (Introduction to Psychology) is the introductory undergraduate psychology course and PSYCH50 (Introduction to Cognitive Neuroscience) is the introductory undergraduate cognitive neuroscience course offered at Stanford University.

- routinely facilitated flow and management of a ~300 student lecture
- developed and delivered inquiry based curricula and discussion to undergraduates
- collaborated with undergraduates to design individualized research proposals