

Kabir Jolly

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EDUCATION

Stanford University

GPA: 3.9/4.0

B.S. Computer Science (Artificial Intelligence)

2020 – 2024

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, iOS/Web Development, Computer Vision, Natural Language Processing, Probability, Linear Algebra and Matrix Theory, Mining Massive Datasets
- Activities: Neo Scholar, Pear Garage Fellow, CURIS Fellow, CS+Social Good Impact Lab, Sigma Phi Epsilon (VP)

M.S. Computer Science (Human-Computer Interaction)

2024 – 2025

WORK EXPERIENCE

Dorm Room Fund

San Francisco, CA

Head of Product and Engineering

Aug 2023 – Present

- Designing and developing software solutions to facilitate new venture creation for student entrepreneurs
- Conducting analyses to identify operational inefficiencies across Dorm Room Fund and enhancing internal tooling for the investment team and portfolio companies

Zeal

San Francisco, CA

Full Stack Engineer

June 2023 – Sept 2023

- Developed for a consumer social startup working to promote relationship building through in-person events
- Built out Invitations functionality to onboard over 200 new users through email, text, and push notification invitations
- Leveraged natural language understanding to integrate chatbot agent interface for seamless event scheduling

Valar Labs

Palo Alto, CA

Machine Learning Engineer

June 2022 – Aug 2022

- Created interpretable artificial intelligence pipelines to assist decision making for oncologists
- Led efforts to implement nuclei classification and segmentation vision models in PyTorch for computationally analyzing histopathology whole slide images
- Built end-to-end annotation and data ingestion workflow to facilitate supervised learning methods

PROJECTS

Research at the Stanford Medical Center

Nov 2020 – Jan 2023

- Utilizing longitudinal deep learning models on electronic health record data to predict hospital readmission due to chronic disease exacerbation during periods of bad air quality, such as wildfires
- Conducted research on increased hospital admissions due to asthma and COPD with spikes in PM2.5 concentration

KidneyCare

Dec 2020 – Apr 2021

- Built postoperative patient engagement platform for the kidney transplant team at the Stanford Medical Center
- Developed the frontend for the app using SwiftUI and the backend using Firebase and CardinalKit
- Created Bluetooth modules to interface with BP monitor and built health metric dashboards using ResearchKit

ScrAPPS

Aug 2017 – June 2019

- Started a service to connect grocery stores and restaurants with compost sites via privately contracted waste haulers
- Interviewed 70+ businesses for market research and incorporated feedback to build and improve iOS app
- Successfully partnered with Whole Foods and California Pizza Kitchen to save 6+ tons of organic waste from landfills

SKILLS

Languages and Libraries: Python (Pytorch, TF, Numpy, Pandas, SciPy), C++, HTML/CSS/Javascript/React, Swift

Tools: Machine and Deep Learning (Computer Vision, NLP), Data Processing and Analysis, Cloud (AWS, GCP)