Kabir Jolly

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EDUCATION

Stanford University **GPA: 3.9/4.0**
M.S. Management Science and Engineering *2024 – 2025*

B.S. Computer Science (Artificial Intelligence) *2020 – 2024*

- Relevant Coursework: Machine Learning, Databases, iOS/Web Development, Computer Vision, NLP, Probability, Linear Algebra and Matrix Theory, Data Structures and Algorithms, Operating Systems
- Activities: Accel Leadership Fellow, 8VC Engineering Fellow, Neo Scholar, Pear Garage Fellow, Sigma Phi Epsilon

WORK EXPERIENCE

Fieldguide (AI for Auditing, backed by YC/Bessemer/8VC) **New York City, NY**
Software Engineering Intern *Jun 2024 – Sept 2024*

- Building full-stack tooling for Fieldguide's newest platform offering - financial audits
- Built GraphQL backend endpoints and TypeScript frontend for number reporting and trial balance rollovers

Dorm Room Fund **San Francisco, CA**
Head of Product and Engineering *Aug 2023 – July 2024*

- 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 (Consumer Social, Stealth) **San Francisco, CA**
Full Stack Engineering Intern *June 2023 – Sept 2023*

- Built out "invitations" functionality to onboard over 200 new users through email, text, and push notifications
- Leveraged natural language understanding to integrate chatbot agent interface for seamless event scheduling

Valar Labs (AI for Oncologists, backed by a16z/Pear) **Palo Alto, CA**
Machine Learning Engineering Intern *June 2022 – Aug 2022*

- Led efforts to implement nuclei classification and segmentation models for histopathology images
- Built end-to-end annotation and data ingestion workflow to facilitate supervised learning methods

PROJECTS

Receipts (https://www.getreceipts.app) *Jan 2024 – Present*

- Created a native Mac app that generates statistical and AI-driven insights on your iMessage data
- Built app from the ground up as a senior capstone project, now in public beta with 120+ active users

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

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/JS/TS/React, Swift
Tools: Machine and Deep Learning (Computer Vision, NLP), Data Processing and Analysis, Cloud (AWS, GCP)