

AKSHAY PATEL

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EDUCATION & COURSEWORK

UC Berkeley - Management, Entrepreneurship, & Technology Program

Expected May 2023

Dual Degree: B.S. Electrical Engineering, Computer Science/ B.S. Business

Coursework: Data Structures, Designing Information Devices/Systems, Discrete Math & Probability Theory, Machine Structures, Multivariable Calc, Computer Architecture, 3-D Modeling, Intro to Data Science, Algorithms, Probability & Random Processes

EXPERIENCES

Amazon

Bay Area, CA

Incoming Software Development Engineering Intern (Amazon Music Mobile Team)

Fall 2021

Zighra

Austin, TX

Software Engineering Intern

May 2021 - Present

- Developed & deployed Spur, a mobile cross-platform (iOS, Android) marketplace for users to view & purchase online classes.
- Prototyped, designed, & developed end-to-end user flow from login (authentication, OTP, and storage), to payment, to upcoming events notification & zoom re-direct on app. (React Native, Stripe, Postman, React Navigation, Node.js, AdobeXD)
- Integrated 4 payment flows via Stripe, handling \$25k+ transactions per month & allowing users to view & purchase packages.
- Optimized API caching for payment flow reducing the number of HTTP requests by over 33% per transaction.

Savitude

Berkeley, CA

Savitude provides an inclusive fashion technology solution for brands who want to serve a broader audience.

Software Engineering Intern

Feb 2021 – May 2021

- Optimized bottlenecks in design workflow & reduced sketching analytics time by 75% by developing a modal tutorial system
- Improved user experience by revamping the frontend interface for rollout using ReactJs, Chakra-UI, & Material UI.

Avance Venture Labs

New York, NY

Avance is a start-up lab geared towards creating sustainably profitable software ideas, quickly, and systematically.

Product Manager (Winter)

Dec 2020- Feb 2021

- Led industry deep dive & competitor analysis on online financial institutions to develop product proposals & requirements.
- Defined key product features in Figma with cross-functional team of marketers & software engineers using Agile methodologies.

1910 Genetics

Cambridge, MA

1910 Genetics is a startup focused on AI-driven small molecule and protein design.

Machine Learning Infrastructure Engineering Intern (Backed by YCombinator M12 Ventures)

June 2020- Aug 2020

- Developed intranet site using ReactJS/HTML/CSS & documented architecture overviews for ML pipelines highlighting data base, data transformation, data validation, model training, model evaluation, and serving infrastructure.
- Researched hyper parameter tuning methods employed for the hit-optimization generative neural network.

Blendoor

San Francisco, CA

Blendoor is an inclusive recruiting & people analytics software that mitigates unconscious bias.

Software Developer

Jan. 2020 – May 2020

- Designed, developed, & tested creation of web interface for admins to update HR data using AngularJS/HTML/CSS
- Created a data pipeline for moving company data from Excel to AWS RDS and built a RESTful API in Python & Flask to execute python scripts & SQL queries to communicate with internal database.
- Developed client facing web interfacing using ReactJs framework with backend utilizing Django & MongoDB

Ginger Analytics, LoopChat/LoopPay

San Francisco, CA

LoopChat is a Berkeley based fintech focused on convenience, inclusion and efficiency in the financial system.

Product Management Intern

Aug. 2019– Feb. 2020

- Streamlined business strategies focused on gamifying the platform & increased downloads by 6000 students in 2 months.

EXTRACURRICULARS

Pear VC

San Francisco, CA

0 to 1 VC fund partnering with entrepreneurs. Investments include Doordash, Guardant Health, & Branch

Venture Fellow

Oct 2020-Present

- Sourcing pre-seed to seed-stage start-ups and conducting due diligence to evaluate investment opportunities at UC Berkeley.

Our Lunch Lady

Austin, TX

Our Lunch Lady enables students to purchase food from nearby restaurants & drive the local economy while saving school time.

Co-Founder

Aug 2017 -Aug 2018

- Built relationships with public vendors and school district and developed MVP to deploy service at Westlake High school.

SKILLS

- Windows, Linux, Python, React Native, JavaScript, Java, Node.js, RStudio, CAD, SQL, C, C++, MATLAB, HTML/CSS, React, Git,