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**

Software Development Engineering Intern   *Aug. 2021 - Present*

- Rewriting user interface for Amazon Music app settings page and migrating codebase from Java/Objective-C to Kotlin/Swift.

Zighra   **Austin, TX**

Software Engineering Intern   *May 2021 - Present*

- Developed & deployed Spur, a mobile cross-platform 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.
- Integrated 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**

Software Engineering Intern   *Feb 2021 – May 2021*

- Optimized bottlenecks in design workflow & reduced user adoption time of sketching tool by 75% via a modal tutorial system.
- Revamped the frontend interface for rollout using ReactJS, Chakra-UI, & Material UI.

Avance Venture Labs   **New York, NY**

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 with a cross-functional team of marketers & software engineers.

1910 Genetics   **Cambridge, MA**

Machine Learning Infrastructure Engineering Intern (Backed by YCombinator M12 Ventures)   *June 2020- Aug 2020*

- Developed intranet site in ReactJS for internal/onboarding use & documented architecture overviews for ML pipelines highlighting data transformation, model training & evaluation, hyper parameter tuning methods, & serving infrastructure.

Blendoor   **San Francisco, CA**

Software Developer   *Jan. 2020 – May 2020*

- Designed, developed, & tested creation of web interface for admins to update HR data using AngularJS.
- Built a RESTful API using Flask to execute python scripts & SQL queries to serving data to/from an internal database.
- Created a data pipeline by scripting a parser for data processing & moving company data from Excel to AWS.
- Developed client facing web interfacing using ReactJS with backend utilizing Django & MongoDB.

Ginger Analytics, LoopChat/LoopPay   **San Francisco, CA**

Product Management Intern   *Aug. 2019– Feb. 2020*

- Streamlined business strategies focused on gamifying the platform & increased downloads by 232% in 2 months.

EXTRACURRICULARS

Pear VC *(Doordash, Guardant Health, & Branch)*   **San Francisco, CA**

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**

Co-Founder   *Aug 2017 -Aug 2018*

- Developed and deployed MVP for students to order food delivery from local restaurants to Westlake High School.

SKILLS

- Windows, Linux, Python, React Native, JavaScript, Java, Node.Js, RStudio, CAD, SQL, C, C++, MATLAB, HTML/CSS, React, Git, React Native, Stripe, Postman, React Navigation, Node.Js, AdobeXD, SwiftUI, Jetpack Compose, Objective-C