

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, Structure & Interpretation of Comp Programs, 3-D Modeling, Entrepreneurial Leadership

RELATED EXPERIENCE

Pear VC

San Francisco, CA

0 to 1 VC fund partnering with entrepreneurs from day one. 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 Cal.

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- Present

- Conducted industry deep dive on Neobanks & online-only financial institutions to develop product proposals & requirements

1910 Genetics

Cambridge, MA

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

Machine Learning Infrastructure Engineering Intern (Y Combinator W2018)

June 2020- Aug 2020

- Created architecture overviews for ML pipelines, conglomerating reusable components (data base, data transformation, data validation, model training, model evaluation, and serving infrastructure) for the machine learning platform Noelle.
- Developed intranet using ReactJS/HTML/CSS for documented architecture/product demo for LBDD/SBDD ML models and researched hyperparameter tuning methods employed for the hit-optimization generative neural network at 1910.

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 Blendoor's internal database and update scores in real time.
- Developed client facing web interfacing using ReactJs framework with backend utilizing Django & MongoDB

Los Angeles County Department of Public Health

San Francisco, CA

Data Analyst

April. 2020 – May 2020

- Documented procedures and processed raw data to create an interactive tableau dashboard for a research paper.
- Performed statistical analyses in RStudio to determine the density of cell towers in proximity to schools & hospitals.
- Utilized sqldf, readxl, and lubricate packages, and generated SQL queries for statistical analysis used for publication.

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 retention through gamifying the platform & increased downloads by 232%.
- Proposed simplification plan of UI/UX of the app and presented to internal and external stakeholders.

Our Lunch Lady

Austin, TX

OLL enables students to purchase food from nearby restaurants and boosts the local economy while improving options.

Co-Founder

Aug 2017-Aug 2018

- Developed financial models for different market penetration predictions and COGS and developed a marketing plan and executed deployment at Westlake High School that generated \$800 in profit in 2 weeks

LEADERSHIP & ACTIVITIES

Accelerated (Campus Ambassador)

Aug 2020 -Oct 2020

Berkeley Venture Capital (VC Intern)

Jan. 2020-Current

Trashbots (Curriculum Designer)

June 2018 – Aug 2019

SKILLS

- Software/Programming: Python, Java, RStudio, CAD, SQL, Fusion 360, C, C++, Matlab, Octave, HTML, CSS, React
- Proficient in MS Office, Windows, Git, Website Design, Languages: Spanish, Gujarati, Hindi