

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.

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.

Trashbots

Austin, TX

Trashbots develops low-cost science/engineering kits to aid students build robots with everyday materials around them.

Curriculum Designer

June 2018- Aug. 2019

- Developed curriculums targeting engineering/programming skills & design/creation of various new pieces in Fusion 360.
- Analyzed competitor's data sets and conducted market research for products such as Lego Mindset & Dot Robots, etc.

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

SKILLS

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