AKSHAY PATEL

(512) 787-2149 • _akshaypatel_@berkeley.edu • www.akshay-patel.com

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*
- 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 (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*
- Created an interactive tableau dashboard using raw data for a research paper on density of cell towers near schools & hospitals
- Performed statistical analyses in RStudio using sqldf, readxl, & lubricate packages, and generated SQL queries for publishing.

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