

# AKSHAY PATEL

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## EDUCATION & COURSEWORK

<b>UC Berkeley - Management, Entrepreneurship, &amp; Technology Program</b>	<b>Expected May 2023</b>
Dual Degree: B.S. Electrical Engineering, Computer Science/ B.S. Business	
Coursework: Multivariable Calc, Structure & Interpretation of Comp Programs, 3-D Modeling, Entrepreneurial Leadership, Data Structures, Designing Information Devices & Systems, Discrete Math & Probability Theory, Machine Structures	

## RELATED EXPERIENCE

<b>1910 Genetics</b> , Cambridge, Massachusetts	<b>June 2020- Aug 2020</b>
<i>1910 Genetics is a startup focused on AI-driven small molecule and protein design.</i>	
<b>Machine Learning Infrastructure Engineering Intern (Y Combinator W2018)</b>	
<ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>	
<b>Blendoor</b> , San Francisco, California	<b>Jan. 2020 – May 2020</b>
<i>Blendoor is an inclusive recruiting &amp; people analytics software that mitigates unconscious bias.</i>	
<b>Software Developer</b>	
<ul style="list-style-type: none"><li>Automated calculation with creation of web interface for admins to update HR data, programed in AngularJS/HTML/CSS</li><li>Created a data pipeline for moving company data from Excel to AWS RDS and built a RESTful API in Python &amp; Flask to execute python scripts &amp; SQL queries to communicate with Blendoor's internal database and update scores in real time.</li><li>Developed client facing web interfacing using ReactJs framework with backend utilizing Django &amp; MongoDB</li></ul>	
<b>Los Angeles County Department of Public Health</b> , San Francisco, California	<b>April. 2020 – May 2020</b>
<b>Data Analyst</b>	
<ul style="list-style-type: none"><li>Documented procedures and processed raw data to create an interactive tableau dashboard for a research paper.</li><li>Performed statistical analyses in RStudio to determine the density of cell towers in proximity to schools &amp; hospitals.</li><li>Utilized sqldf, readxl, and lubricate packages, and generated SQL queries for statistical analysis used for publishment.</li></ul>	
<b>Ginger Analytics, LoopChat/LoopPay</b> , San Francisco, California	<b>Aug. 2019- Feb. 2020</b>
<i>LoopChat is a Berkeley based fintech focused on convenience, inclusion and efficiency in the financial system.</i>	
<b>Product Management Intern</b>	
<ul style="list-style-type: none"><li>Streamlined business strategies focused on retention through gamifying the platform &amp; increased downloads by 232%.</li><li>Proposed simplification plan of UI/UX of the app and presented to internal and external stakeholders.</li></ul>	
<b>Trashbots</b> , Austin, Texas	<b>June 2018- Feb. 2020</b>
<i>Trashbots develops low-cost science/engineering kits to aid students build robots with everyday materials around them.</i>	
<b>Curriculum Designer</b>	
<ul style="list-style-type: none"><li>Developed curriculums targeting engineering/programing skills &amp; design/creation of various new pieces in Fusion 360.</li><li>Analyzed competitor's data sets and conducted market research for products such as Lego Mindset &amp; Dot Robots, etc.</li></ul>	
<b>Our Lunch Lady</b> , Austin, Texas	<b>Aug. 2017- Aug 2018</b>
<i>OLL enables students to purchase food from nearby restaurants and boosts the local economy while improving options.</i>	
<b>Co-Founder</b>	
<ul style="list-style-type: none"><li>Developed financial models for different market penetration predictions and COGS and developed a marketing plan and executed a proof of concept trial for a 2-week period at Westlake High School that generated \$800 in profit.</li></ul>	
<b>Pensa</b> , Austin, Texas	<b>June 2019- Aug 2019</b>

## LEADERSHIP & ACTIVITIES

<b>Accelerated</b> , San Francisco, California	<b>Sept 2020- Current</b>
<b>Campus Ambassador</b>	
<ul style="list-style-type: none"><li>Sourcing early stage start-ups &amp; software platforms for the newsletter authored by partners at CRV investments.</li></ul>	
<b>Berkeley Venture Capital</b> , Austin, Texas	<b>Jan. 2020 - Current</b>
<i>BVS is an undergraduate community empowered to learn and work with leading venture capitalists and entrepreneurs.</i>	
<b>Venture Capital Intern</b>	
<ul style="list-style-type: none"><li>Underwent six-week venture capital curriculum with an emphasis on due diligence, and investment summary.</li><li>Collaborating with local venture capital firms/industry leaders to organize events/speaker series throughout campus.</li></ul>	
<b>NASA High School Aerospace Scholars</b> , Austin, Texas	<b>Dec. 2017 – Mar 2018</b>

## SKILLS

<ul style="list-style-type: none"><li>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</li></ul>
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