

# Shivank Joshi

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## Summary

Investment professional and Founding Engineer with expertise in Applied ML and Operations Research (UC Berkeley/CMU). Experience conducting technical due diligence and sourcing for a \$150M VC fund, combined with operational experience deploying production AI systems.

## Education

<b>University of California, Berkeley</b> Master in Industrial Engineering and Operations Research, Financial Technology Concentration	Berkeley, CA May 2024
<b>Carnegie Mellon University</b> Bachelor of Science in Chemical Engineering, Minor in Computer Science	Pittsburgh, PA May 2023

## Experience

<b>Founding Engineer</b> Notte Labs	July 2025 – Present San Francisco, CA
<ul style="list-style-type: none"><li>Managed Forward Deployed Engineering for early customers, working directly with them to ship features and custom integrations that unblocked adoption</li><li>Developed internal tooling to automate sales outreach and lead generation, increasing the sales pipeline by 350%, while building custom technical prototypes for high-value prospects to demonstrate immediate product value</li><li>Collaborated on full-stack development, contributing code to the shared core library (Python, LiteLLM, FastAPI) and building new interface features for the customer console (Next.js / TypeScript)</li></ul>	
<b>Investor</b> iSeed Ventures	May 2024 – July 2025 San Francisco, CA
<ul style="list-style-type: none"><li>Sourced and led investments in early-stage AI startups, developing market maps for AI research and industry trends in AI and robotics to inform investment strategy for \$150M fund</li><li>Conducted due diligence, auditing technical roadmaps and product viability, providing the investment committee with data-driven insights on market positioning and operational scalability</li></ul>	
<b>Supply Chain and Market Modeling Intern</b> ExxonMobil Research and Engineering	May 2023 – Aug 2023 Houston, TX
<ul style="list-style-type: none"><li>Parallelized commodity trading model in Python and deployed with Azure to improve trading profit margins</li><li>Developed bilevel formulation for portfolio valuation model to further speedup model inference</li></ul>	
<b>Real-Time Optimization Intern</b> ExxonMobil Research and Engineering	May 2022 – Aug 2022 Houston, TX
<ul style="list-style-type: none"><li>Trained deep learning models with enforced physical constraints to predict chemical byproduct in dynamic system</li><li>Wrote tooling to integrate Tensorflow models into real-time optimization software, unlocking \$1M/yr lost profit</li><li>Developed evaluation tools, including tailored visualizations, to assess model performance under domain-specific constraints and changing conditions</li></ul>	
<b>Chapter President &amp; Project Lead</b> Engineers Without Borders, Carnegie Mellon University Chapter	Aug 2019 – May 2023 Pittsburgh, PA
<ul style="list-style-type: none"><li>Led teams to complete global projects: biogas digester in Zimbabwe, autonomous drones for rural mapping</li></ul>	

## Skills and Coursework

**Software:** Fluency in Excel, Python (Pandas, PyTorch, Tensorflow, FastAPI), Web scraping (Playwright, Firecrawl, Exa). Competency in Next.js, TypeScript, SQL

**Coursework:** Stochastic Optimization in Machine Learning, Network Flows and Graphs, Machine Learning in Electronic Markets, Risk Modeling, Machine Learning, AI Representation & Problem Solving, Parallel and Sequential Data Structures and Algorithms, Computer Systems, Operations Research