# 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

**University of California, Berkeley** — Berkeley, CA
Master in Industrial Engineering and Operations Research, Financial Technology Concentration — May 2024

**Carnegie Mellon University** — Pittsburgh, PA
Bachelor of Science in Chemical Engineering, Minor in Computer Science — May 2023

## Experience

**Founding Engineer** — July 2025 – Present
Notte Labs — San Francisco, CA

- Managed Forward Deployed Engineering for early customers, working directly with them to ship features and custom integrations that unblocked adoption
- 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
- 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)

**Analyst** — May 2024 – July 2025
iSeed Ventures — San Francisco, CA

- 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
- Conducted due diligence, auditing technical roadmaps and product viability, providing the investment committee with data-driven insights on market positioning and operational scalability

**Supply Chain and Market Modeling Intern** — May 2023 – Aug 2023
ExxonMobil Research and Engineering — Houston, TX

- Parallelized commodity trading model in Python and deployed with Azure to improve trading profit margins
- Developed bilevel formulation for portfolio valuation model to further speedup model inference

**Real-Time Optimization Intern** — May 2022 – Aug 2022
ExxonMobil Research and Engineering — Houston, TX

- Trained deep learning models with enforced physical constraints to predict chemical byproduct in dynamic system
- Wrote tooling to integrate Tensorflow models into real-time optimization software, unlocking $1M/yr lost profit
- Developed evaluation tools, including tailored visualizations, to assess model performance under domain-specific constraints and changing conditions

**Chapter President & Project Lead** — Aug 2019 – May 2023
Engineers Without Borders, Carnegie Mellon University Chapter — Pittsburgh, PA

- Led teams to complete global projects: biogas digester in Zimbabwe, autonomous drones for rural mapping

## 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