

Krish A. Dhansinghani

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EDUCATION

University of Virginia (UVA) – *First-Generation Scholar*

Graduation May 2025

Bachelor of Arts in Computer Science, Bachelor of Science in Statistics

GPA: 3.82/4.0

Relevant Coursework: Data Structures and Algorithms I & II, Discrete Mathematics I & II, Data Science with Python, Python for Scientist and Engineers, Computer Systems and Organizations I and II, Advanced Software Development, Machine Learning, Intro to Cybersecurity.

PROFESSIONAL EXPERIENCE

Software Engineer, Sixth Street, New York, NY

Aug '25-Present

- Built automated dashboards and **data pipelines** for firmwide AUM, revenue, and fundraising metrics, shifting reporting calculations from biweekly to daily.
- Developed **Airflow DAGs and transaction-level reporting modules** that improved the timeliness and accuracy of internal financial reporting and reduced manual reporting effort by **10 hours/week**.
- Worked directly with the CFO, COO, and finance teams to deliver **executive-ready analytics** and reporting tools that accelerated strategic decision-making.
- Revamped dashboard UI to streamline retrieval of key business metrics for internal stakeholders.

Software Engineering Intern, Sixth Street, New York, NY

May '24-Aug '24

- Architected and deployed advanced **API models** using **Python** and **REST APIs**, extracting and transforming data from Salesforce, automating workflows via **Apache Airflow** and **DAGs**; reduced data extraction time by **30%**.
- Engineered a full-stack application using **GraphQL**, designing complex data models and algorithms, driving **10% faster investment** strategies and achieving a **25% improvement** in data query performance.

Data Engineering Intern, Trace3, Irvine, CA

May '23-Nov '23

- Scripted **data pipelines** using **Python** and **Java**, automating the centralization of authorization IDs, reducing manual processing time by **over 50%**.
- Migrated legacy systems to **Azure** and **Snowflake**, enhancing scalability and boosting system performance by **20%** for onboarding processes across multiple companies.

PROJECTS & LEADERSHIP

Founder & Lead Developer, Pitch – Share Your Taste

Jul '25-Present

App Store Link: <https://apps.apple.com/us/app/pitch-share-your-taste/id6755165381>

- Founded and built a social music discovery app using **Expo React Native and TypeScript**, with **Zustand-based state management**, that lets friends share music through weekly song picks, defining the product vision, user experience, and technical architecture end to end.
- Built a backend in **Django and DRF** with PostgreSQL, JWT auth, rate limiting, logging/metrics middleware, and real-time social features and audio playback using **Django Channels and WebSockets**.
- Integrated third-party music and AI services, including **Deezer, Spotify OAuth, Apple Music, and LLM-based persona generation**, to power discovery, export, and scheduled backend jobs to automate playlist and persona workflows.

Developer, Spreadsheet Auditor – Agent Eval Harness

Oct '26-Present

- Building a **LangGraph** agent that audits financial models for hardcoded values, off-by-one ranges, and unit mismatches, using tools to read formulas and run **Python**.
- Building a bug injector and scorer (**precision, recall, false positive rate**) with **LangSmith** tracing.
- Comparing models on accuracy and cost per audit.

Co-Founder & Backend Developer, Picket – Make Decisions Social

Mar '23-Jun '25

- Developed backend for a mobile social media application using **Django** and **REST API**, enabling seamless data interchange between the server and users.
- Gathered requirements and designed user interfaces with **Figma**, developing multiple front and backend versions to ensure a market-ready application.
- Conducted extensive testing, improving application performance by **20%** through efficient **beta and unit tests**, including push notifications via **Expo**, maintaining a **99.9% uptime** for real-time communication

SKILLS

Languages & Frameworks: Python, LangGraph, LangSmith, LLM Evaluation, Agent Orchestration, Java, JavaScript, TypeScript, C, R, Django, React, Next.js, Expo, REST API, GraphQL, PostgreSQL, SQLite, Snowflake, Docker, AWS Lambda, Git, OAuth2.0

Certifications: Hugging Face AI Agents Course (huggingface.co/learn/agents-course)