

Anish Krishnan Ganesh

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EDUCATION

University of Pennsylvania

MSE, Computer and Information Science (Accelerated) | AI Concentration | GPA: 3.81/4.0

BSE, Computer Science | Minors: Mathematics, Data Science, Wharton Statistics, Entrepreneurship

- Graduate Teaching Assistant, CIS 5210 Artificial Intelligence

Philadelphia, PA

Expected Dec 2026

May 2026

Fall 2025

EXPERIENCE

AMD

Solutions Architect, Veda AI & RFP Automation (Contract)

May 2026 – Present

Austin, TX

- Architected and built Veda, an executive AI assistant in Teams: one agent over a semantic model of 4 data sources and 5 permission-checked tools; demoed to AMD executives and selected to demo to Microsoft's VP of AI Foundry
- Secured Veda with a 4-tier access model: mapped single sign-on identities to tiers enforced on rows and columns across Snowflake and Databricks data in OneLake; added deterministic export-control logic and jailbreak screening
- Cut RFP drafting from hours to under 5 seconds with a proposal generator on Azure AI Foundry and a Fabric ontology that returns a draft and a go/no-go recommendation

GeakMinds

Product & Engineering Lead, Cloud Intelligence Platform

May 2026 – Present

Aldie, VA

- Led product and engineering for a cloud cost platform that assigns every resource an owning team or developer: owned the specification and roadmap (71 requirements) and recruited the team from 100+ interviews
- Built 4 connectors (AWS, Azure, Snowflake, Databricks) into one FOCUS-aligned cost model that reconciles to provider invoices; 113K billing rows and 5.4M metric samples across 4,600+ cloud resources to date
- Deployed the platform on AWS (EC2, ECR, RDS) as 3 Docker services with single sign-on, role-based access, text-to-SQL analytics, and agent tools; identified potential savings worth 23% of AWS and Azure spend

Cisco Meraki

Software Engineer Intern, Cisco AI Assistant

May 2025 – Aug 2025

San Francisco, CA

- Cut fine-tuning setup from hours to under 60 seconds with Meraki's first LLMOps platform, 7 stages on ClearML
- Deployed on multi-tenant Kubernetes for teams to select, fine-tune, deploy, and A/B test open-source LLMs

Hewlett Packard Enterprise | Juniper Networks

Software Engineer Intern, Mist AI

May 2023 – Aug 2023

Sunnyvale, CA

- Built a Junos RAG assistant on 100K+ documentation pages: Llama 2 7B with LoRA and 8-bit quantization

SELECTED PROJECTS

Threaded | Agentic Shopping | CIS Senior Design Technical Innovation Award (50+ teams)

Aug 2025 – May 2026

- Built the Next.js app for a 5-person team and integrated CLIP, FAISS, and two-tower recommendation services
- Developed approval-gated agentic checkout; evaluated OpenAI's ACP and Google's UCP protocols across Shopify, Etsy, Target, and Walmart with Bodhium Labs

Conquerly | Founder, AI Education Platform | Outstanding Entrepreneur 2022 (ILAA)

Jan 2020 – Present

- Scaled an AI education platform to 125+ institutions and 19K+ active users: built machine learning and Python courses, taught school and university workshops, and hosted hackathons

PennCloud | C++17 file service on a replicated key-value store; 8 MB chunking, atomic quotas

Spring 2026

Quartz | AI tool that turns topics into linked articles, podcasts, and videos; 400+ articles, 12K-view demo

Jan 2026

Lithos | CTO, AI mining intelligence over 15K projects' technical filings; Y Combinator interview

Fall 2025

Counter-Research RAG | arXiv retrieval and generation; MRR 0.25 to 0.58, BERT F1 0.53 to 0.69

Fall 2024

Reinforcement Learning on Social Chatbot to Improve the Semantic Variation | World Scientific Journal

SKILLS, AWARDS, AND INTERESTS

Languages and frameworks: Python, C++, TypeScript, SQL, React, Next.js, Node.js, FastAPI, PyTorch, Dagster

Concepts: RAG, agent tooling (MCP), data modeling (3NF, star schema), OIDC SSO, RBAC, CI/CD

Cloud and data: AWS, Azure, Kubernetes, Terraform, OTel, PostgreSQL, ClickHouse, Snowflake, Databricks, Polars

Awards: Regeneron ISEF Finalist (Team India), Penn AI Hackathon Winner, Venture Lab Startup Award Winner

Interests: Debate (APDA, BP), Chess (1800 rapid), Speedcubing (sub-15 s), Dance (national collegiate champions)