

Taran Agarwal

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EXPERIENCE

Abridge

Jul. 2026 – Present

Software Engineer

San Francisco, CA

- Abridge is a patient-centered clinician intelligence platform connecting care, payment, and decisions
- Member of the Enterprise Team

Oracle

May 2025 – Aug. 2025

Software Engineer Intern

Redwood City, CA

- Member of the Supply Chain Management Inventory team within the Fusion Cloud Applications Group
- Building AI agent to automate supply chain workflows, eliminating manual processing for movement requests
- Updating APIs of multiple products from Oracle's legacy ADF to a Business Object Spectra Service framework
- Shifting from monolithic to service-based architecture, improving reliability/scalability for ~1000 SCM clients

Johns Hopkins Department of Computer Science

Jan. 2025 – Present

Teaching Assistant

Baltimore, MD

- Teaching Assistant for EN.601.464, Artificial Intelligence; class of 100+ undergraduate and graduate students
- Hosted office hours, grade quizzes and projects, and contribute to creating lesson plans and project guidelines

Cisco

May 2024 – Nov 2024

Software Engineer Intern

San Jose, CA

- Member of Cisco's Secure Business Group building RAG-based agentic chatbots to simplify product usage
- Ideated, designed and built a Semantic Caching tool in Python; reduced LLM inference latency by ~30%
- Built caching architecture with intelligent validation/invalidation using embedding similarity and doc updates
- Integrated this tool into 4 network security products (Duo, Hypershield, XDR, Defense Orchestrator)

Johns Hopkins Sports Analytics Group

Aug. 2023 – May 2024

Software Engineering Undergraduate Researcher

Baltimore, MD

- Researched optimization of lineups using hypergraph theory/expected run analysis under Dr. Anton Dahbura
- Analyzed 10 seasons of player data, achieving ~12% improvement in expected runs vs. traditional methods
- Led the development of web application built with Flask to be used by MLB teams to optimize lineups

Fractal Analytics

May 2023 – Jul. 2023

Software Engineer Intern

New York, NY

- Implemented AI text detection pipeline achieving ~85% accuracy for enterprise LLM auditing
- Implemented multi-model aggregation framework for diverse text generation pattern classification
- Contributed to establishment of responsible AI governance protocols for client-facing generative AI products

EDUCATION

Johns Hopkins University

Aug. 2022 – May 2026

M.S.E. - Computer Science

Baltimore, MD

B.S. - Computer Science, Minor in Economics

- *Sample Coursework:* NLP, Generative AI, Deep Learning, Cloud Computing, System Design, Web Agents

SKILLS & INTERESTS

- **Technologies:** REST APIs, LLMs, RAG, PyTorch, React, Node.js, Kubernetes, Docker, Cloud Development
- **Programming Languages proficient in:** Python, TypeScript, JavaScript, Java, C/C++
- **Interests:** Weightlifting, Playing Basketball, Watching Sports, Reading, Music