

James Huynh

Aspiring AI/ML Engineer with interests in Data Science, Cybersecurity, and deploying enterprise AI applications to optimize business operations and elevate customer experience.

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EDUCATION

UNIVERSITY OF CENTRAL OKLAHOMA | CURRENT - EXPECTED DEC 2027

Bachelor of Science in Computer Science (GPA: 3.66/4.0)

Relevant Coursework: Advanced Data Structures & Algorithms, Discrete Structures, Object-Oriented Programming, Operating Systems, Computer Organization & Architecture II, Cybersecurity, Software Engineering I.

Anticipated Coursework: Artificial Intelligence, Deep Learning, Machine Learning, Robotics

Oklahoma City Community College | JAN 2024 – DEC 2025 COMPLETED

Associate of Science in Computer Science

TECHNICAL SKILLS

Languages: C++, Python, Java, HTML, CSS, SQL, TypeScript

Frameworks & Libraries: Next.js 15, React, Tailwind CSS, Vercel AI SDK

AI & Machine Learning: Retrieval-Augmented Generation (RAG), OpenAI API (gpt-4o-mini), Vector Embeddings (text-embedding-3-small), Cosine Similarity, Prompt Engineering

Tools & Platforms: Git, GitHub, Linux, PostgreSQL, Vercel, Claude Code, Agentic AI Development

TECHNICAL PROJECTS

COSMO MART | Enterprise & RAG Focused AI Customer Service Implementation

Demo Web App: <https://cosmo-mart-alpha.vercel.app/>

Next.js 15, TypeScript, Tailwind CSS, Vercel AI SDK, OpenAI API, In-Memory RAG Vector Engine

- Architected a full-stack e-commerce storefront featuring “Gleb”, an AI customer service agent powered by an in-memory RAG (Retrieval-Augmented Generation) pipeline to ground foundation model’s responses in verified internal data, company policies, and product specifications to deliver accurate, policy-compliant customer responses.
- Built a custom, lightweight vector search engine using OpenAI text-embedding-3-small and cosine similarity, choosing an in-memory design to maximize lookup efficiency and eliminate external database overhead for static datasets.
- Engineered a high-contrast UI with Next.js 15 App Router and streamed real-time AI responses via Vercel AI SDK and deployed to Vercel with automated CI/CD for continuous, 24/7 online availability.

You can also access the project demo web app using the QR code here! 
(redirects to <https://cosmo-mart-alpha.vercel.app/>) Also contains links to linkedin, github & resume.

