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EDUCATION

Hanoi University of Science and Technology

09/2023 – 10/2027

Bachelor of Science in Computer Science Program - Troy University Joint Program

Certifications:

- [Professional Cloud Architect – Google Cloud](#) 
- [Databricks Certified Generative AI Engineer Associate](#) 

Honors:

- [The First Prize - Vietfuture Award 2023. \(Endorsed by the Ministry of Science and Technology and VINASA\)](#) 
- Top 3 teams competing in the Northern region of GDSC hackathon 2024.

COMMUNITY INVOLVEMENT

[Google Developer Group Hanoi \(GDG Hanoi\)](#) 

06/2024 – Present

Logistics Leader & Core Team Member

- Lead logistics planning and on-site operations, covering venue preparation, volunteer assignments, attendee check-in, and issue handling.
- Coordinate logistics volunteers and work with other organizing teams to prepare event schedules, track tasks, and manage on-site handoffs.
- Help organize Google I/O Extended Hanoi 2025/2026, Build with AI Hanoi 2026, and DevFest Hanoi 2025. [Build with AI Hanoi 2026](#)  was designed for 300+ developers; [Google I/O Extended Hanoi 2026](#)  recorded 1,100+ RSVPs.
- Use AI to draft event checklists and staffing plans.

[Google Developer Group on Campus - HUST](#) 

11/2023 – 11/2025

- Built frontend interfaces for the SOICT-HUST form management system, GDSC-HUST management system, GDSC Mail Tool, and URL Shortener.
- Contributed UI/UX designs and implemented workflows for forms, member management, and email operations.
- Led a team to first place in the GDSC-HUST Internal Hackathon.

PROJECTS

[Green Circle \(Green Commerce\)](#) 

Flutter, Firebase, Spring Boot, Mapbox

- Co-created a sustainability project combining a green marketplace, recycling-point maps, and environmental learning games; won First Prize at the VietFuture Award 2023.
- Designed AI-assisted product scanning and chatbot features alongside shopping and recycling workflows.
- Developed product requirements and a cross-platform architecture based on environmental research and target-user needs.

OpenMem (Open-Source Long-Term Memory for AI Coding Agents)

Go, SQLite (FTS5 + vector store), MCP

- Built a terminal launcher for Claude Code that injects project context, exposes seven MCP tools for memory access, and automatically captures sessions on exit.
- Implemented hybrid retrieval using SQLite FTS5 and vector similarity, combining results with Reciprocal Rank Fusion, temporal decay, and MMR reranking.
- Developing a three-layer memory hierarchy—knowledge cards, session summaries, and on-demand transcripts—with an LLM ingestion pipeline for extraction, summarization, and secret redaction.

ChatRemind (Evy AI Agent)

Python, Google Cloud Run, PostgreSQL, Databricks

AI / Fullstack Developer

- Built an AI task management agent for GDG Hanoi using Google Agent Development Kit.
- Developed MCP-based tools integrating Google Sheets, Gmail, PostgreSQL and Google Chat.
- Applied Retrieval-Augmented Generation (LightRAG) and LLM orchestration for knowledge retrieval.
- Leveraged Databricks Generative AI best practices for prompt engineering, LLM workflow design, evaluation, and production-ready AI application development.
- Deployed the entire system on Google Cloud Run with monitoring and observability.

SKILLS

AI & Agent Development: Google ADK, LLM workflow orchestration, tool use/function calling, MCP tool integration, retrieval-augmented generation (LightRAG), prompt engineering

Claude: AI-assisted coding, debugging, research synthesis, technical documentation

Programming & Web: Python, TypeScript, JavaScript, SQL, React, Next.js, Node.js, REST APIs

Cloud & Development Tools: Google Cloud Run, PostgreSQL, Supabase, Firebase, Docker, Git/GitHub, CI/CD

Community & Event Operations: Event logistics, collaborator coordination, event planning, cross-team coordination