Tien Hai Cao

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Education

Danang University of Economics   *Oct 2022 – now*
Bachelor of Ecommerce
- GPA: 3.2/4.0

Projects

Hybrid Recommender System   *view project* ☑
- Developed a content-based film recommendation system using TF-IDF and Cosine Similarity to suggest movies based on users' viewing history.
- Tools Used: Python, Scikit-learn, Jupyter

Civil Law Chatbot   *view project* ☑
- Built a legal QA app using RAG with a vector database of Vietnamese civil law and Gemini AI to generate answers. Includes user auth, question submission, and QA history.
- Tools Used: Python, ReactJS, TailwindCSS, FastAPI, Supabase, Langchain

Choose Right Cinema   *view project* ☑
- Built a Node.js/Express service to recommend cinemas based on location, date, and showtime using geospatial queries, real-time routing (OSRM), and AI (Gemini). Data scraped and stored in MongoDB with Redis caching.
- Tools Used: ExpressJS, ReactJS, MongoDB, Redis, Puppeteer

Virgo Chat   *view project* ☑
- Developed Virgo Chat (Node.js) with Google OAuth, Face ID auth, real-time messaging, group/private chat, notifications, calls, and admin dashboard.
- Tools Used: ExpressJS, NextJS, MongoDB, SoketIO, TailwindCSS, FaceapiJS

Icondenim Clone   *view project* ☑
- Built an e-commerce website inspired by Icondenim using Spring Boot, PostgreSQL, Redis, RabbitMQ, and SMTP for email delivery.
- Tools Used: Java, Spring Boot, RabbitMQ, Redis, PostgreSQL, SMTP, ReactJS

Technologies

Languages: Python, Golang, Java, JavaScript, TypeScript, SQL

Technologies: PostgreSQL, MySQL, MongoDB, Microsoft SQL Server, FastAPI, Spring Boot, Gin, ExpressJS, Redis, RabbitMQ

DevOps Tools: Docker, Git, PowerBI, Tableau

Language Skills

English: TOEIC: 450