

Hoang Le

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Introduction

I am a recently graduated Computer Science student with a passion for artificial intelligence and software development. I aim to create applications that enhance work efficiency and make processes easier. I have experience developing simple applications through my academic journey and I want to join companies to tackle real-world problems to improve my skills. In the future, I aspire to create my own products.

Education

University of Science -VNUHCM, BS in Computer Science

Oct 2020- Dec 2024

- GPA: 8.4/10

Skill

- Programming Languages: Proficient in C#, JavaScript, Python, and SQL
- Web Development: Strong grasp of HTML, CSS. Experienced in building full-stack web applications using ReactJS for frontend and .NET / ExpressJS for backend with RESTful API design
- Machine Learning & Deep Learning: Solid understanding of ML/DL concepts with hands-on experience using Scikit-learn, TensorFlow, and PyTorch
- Software Engineering Practices: Strong focus on writing clean, maintainable, and scalable code following SOLID principles and design patterns

Project

Chinese Story, Personal project

Github – Demo

A Chinese learning platform where users generate engaging stories and extract new vocabulary to save to their account. Language learning is personalized and fun through interactive storytelling and smart vocabulary management.

- Developed a modern and responsive user interface using ReactJS, Tailwind CSS
- Designed and implemented RESTful APIs with the .NET framework
- Integrated JWT-based authentication and authorization for secure access control
- Incorporated AI models to generate dynamic and engaging content
- Managed data storage and retrieval using SQL Server
- Structured the backend following Clean Architecture for maintainability and testability
- Technologies used: Reactjs, .NET, redux, Gemini API, JWT, SQL Server

Ecommerce Clothes Shop, Personal Project

Github – Demo

A responsive clothing e-commerce site with product browsing, filtering, and PayPal checkout. Admins manage users and products, while an AI RAG chatbot assists with inquiries, recommendations, and orders.

- Built a modern, responsive user interface using ReactJS and Tailwind CSS
- Designed and implemented RESTful APIs with ExpressJS
- Employed JWT for secure authentication and role-based authorization
- Managed data storage and retrieval using MongoDB
- Integrated an AI-powered RAG chatbot to provide product recommendations and customer support
- Technologies used: ReactJS, NodeJS, JWT, MongoDB, Redux, Gemini API, RAG

Supervised Learning with Noisy Data Using Data Selection Methods, Graduation Thesis

Github

Supervised learning project focused on handling noisy data using data selection methods. The work involved deep research, implementation, and proposing improvements to state-of-the-art techniques.

- Conducted an in-depth review of approaches for supervised learning with noisy labels
- Selected a key research paper, thoroughly analyzed its methodology, and reproduced the experimental results
- Proposed and evaluated enhancements to improve performance on noisy datasets
- Skill used: Research, PyTorch, CNN, model evaluation, report writing
- Grade: 9.2/10

Other Activities

Volunteer Teacher, Pacific Links Foundation

10/2023 – 6/2024

Volunteered as a programming teacher for underprivileged students (grades 8–12) in the scholarship program of Pacific Links Foundation.

- Taught C++ and Python with a focus on practical, hands-on projects to develop computational thinking
- Designed engaging lessons to help students apply programming in real-world contexts
- Organized workshops on IT-related topics, including career orientation and online safety
- Skill used: Teaching, Python, C++, lesson planning, workshop facilitation

Achievements

English Certificate B1

SEEDS University Scholarship (2020-2024) - Pacific Links Foundation

Acecook Happy Scholarship - 2020