Hoang Van Thien

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Summary

I'm a fourth-year Software Engineering student at UEF, with a solid foundation in algorithms and data structures plus software development. Has taken part in national and university contests as an active member of Competitive Programming; this includes participating in the Vietnam Student Informatics Olympiad. Able to solve problems under pressure and ready to use her technical skills on real-life projects. Looking for an internship where she will be able to deliver clean codes while advancing further in gaining more experience.

Education

GPA: 3.10/4 09/2022 – Present

Ho Chi Minh City University of Economics and Finance - UEF Ho Chi Minh city, Viet Nam

Studying Information Technology - Software Engineering

Awards

Placed second in the FIT Code Contest 2025 at UEF.

Placed third in the FIT Code Contest 2024 at UEF. 13/09/2024

Placed third in the FIT Code Contest 2023 at UEF. 16/09/2023

Placed third in the Math Olympic 2023 at UEF. 11/11/2023

TECHNICAL SKILLS

Programing language:
Java, C, C#

Frameworks/ Platforms:
ASP.NET MVC, Web API

Database Management Systems:
MS SQL Server, MySQL

Project-Based Learning

Predic Houseprice - Artificial Intelligence (9.1/10) 03/2024 – 04/2024

Built a house price prediction system in C++ using the Random Forest algorithm. The program consists of two main files cpp: a training phase to generate decision rules from the dataset, and a prediction phase that applies these learned rules to new input data.

Technologies & Techniques

- **Programming Language:** C++
- **Machine Learning:** Random Forest (with Entropy and Information Gain calculations)
- **Data Handling:** File I/O (fstream), reading/writing tabular data (.inp, .out)
- **Data Structures:** vector, unordered_map, and 2D arrays for datasets and rules
- **Algorithms:** Randomized decision tree generation, feature selection based on information gain
- **Statistical Processing:** Frequency counting, logarithmic calculations, and data normalization

Restaurant Order App - Desktop Application Development (8.4/10) 12/2024 – 01/2025

A restaurant order management application that streamlines order taking, tracking, and fulfillment. Supports recording customer orders, managing menu items, and interfacing with a relational database for persistent storage.

Technologies Used:

- Programming Language: C# (.NET)
- Database: SQL Server / T-SQL
- Architecture: Layered solution (UI / Business Logic / Data Access)
- Tools / Others: Git for version control, possibly Windows Forms or WPF for UI (or ASP.NET), SQL scripts for schema + queries

Online Food Ordering - Java Technology (7.8/10) 05/2025 – 06/2025

Built a servlet-based web application for browsing menus, managing carts, and placing orders, with admin features for users, products, orders, and delivery staff. Implemented DAO-driven persistence, session-based authentication, and JSP views styled with Bootstrap.

Technologies & Techniques

- **Programming Language:** Java (JDK 17)
- **Web Framework:** Java Servlet 3.1, JSP/JSTL for dynamic web pages
- **Frontend:** HTML5, CSS3, Bootstrap 4, Font Awesome for responsive UI
- **Database:** MySQL 8 with JDBC (mysql-connector-java) for data persistence
- **Build & Deployment:** Apache Maven (WAR packaging)
- **Testing:** JUnit 4 for unit testing
- **Architecture & Techniques:** MVC pattern, DAO layer for database abstraction, session-based authentication, form validation, and CRUD operations for users, products, orders, and delivery staff

Private Clinic Management System – Web Application Development 09/2025 – 10/2025

A clinic management system designed to manage doctors, receptionists, and patients efficiently. Supports appointment scheduling, patient records, and staff management with role-based authentication and a layered architecture for scalability and maintainability.

Technologies & Techniques

- **Programming Language:** Java, html, css
- **Framework:** ASP.NET MVC, Entity Framework
- **Database:** Microsoft SQL Server / T-SQL
- **Architecture:** 3-layer architecture (UI / Business Logic / Data Access)
- **Features:**– Admin module for managing doctors, receptionists, and patients– Doctor and receptionist accounts with secure authentication and role-based authorization– CRUD operations for appointments, medical records, and schedules– Stored procedures and migrations for database consistency
- **Tools / Others:** Git, Visual Studio, SQL scripts for schema and data management