

# Daniel Ha

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## EDUCATION

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### University of Nebraska - Omaha | Omaha, NE

M.S. in Management Information Systems | GPA: 4.0/4.0

December 2025

Relevant Courses: Database Administration, Advance Systems Analysis and Design, IT Infrastructure & Cloud

Programming Languages: Python, Java, C#, SQL, JavaScript, HTML, CSS, C++, C

### University of Nebraska - Lincoln | Lincoln, NE

B.S. in Computer Science

December 2023

## RELEVANT EXPERIENCE

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### FPT IS | Software Engineer Intern | Hanoi, Vietnam

May 2024 - August 2024

*The leading system integrator and solution provider in Vietnam and the region*

- Developed a sophisticated full-stack application to manage library data, integrating Spring JPA for robust backend functionality and React for intuitive frontend user experience, **decreasing data processing time by 30%**.
- Streamlined the development process utilizing *FastAPI* and created *REST APIs* for efficiently accessing and manipulating data stored in a *PostgreSQL* database, resulting in a **20% increase in CRUD operations efficiency**.
- Collaborated with cross-functional teams to troubleshoot and optimize API performance using *Postman*, leading to a **15% decrease in system response time** while handling large datasets.

### VinAI | Data Engineer Intern | Hanoi, Vietnam

May 2022 - August 2022

*The world's top 20 AI research-based company with a myriad of practical research projects.*

- Built an internal web application using *React.JS* and *Node.JS* to improve the onboarding process, leading to a **20% reduction in training time** and increased efficiency.
- Implemented automated ETL pipelines utilizing *Python* and *PostgreSQL*, resulting in a **40% increase in data flow speed and retrieval efficiency**.
- Managed containerized applications with *Kubernetes* to ensure the scalability and reliability of the training platform, resulting in a **50% decrease in system downtime**.

### University of Nebraska - Lincoln | Research Assistant | Lincoln, NE

May 2020 - August 2020

- Collaborated with a cross-functional team to procure and ensure compliance for healthcare datasets, **expanding data variety by 35%**.
- Designed a logistic regression model for disease prediction with **75% accuracy** on 500 patient records.

## PROJECTS

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### Personal Website | [DanielHa/Portfolio](#)

- Designed and developed a personal website to showcase past projects using **React.js**, **Node.js**, **MongoDB**, **Express.js** and deployed the product to **the Heroku app**.

### Style Hub | [danielha.pythonanywhere.com](https://danielha.pythonanywhere.com)

- Led a team of 4 to develop an online store with **Python**, **Django**, **HTML**, and **CSS**, featuring user authentication, cart, wishlist, and admin item management. Improved UX and streamlined site administration.

### Course Scheduler | Capstone Project

- Launched a Course Scheduler web app with **C#**, **MySQL**, and **ASP.NET Core**, featuring teacher registration, time selection, and location requests.
- Implemented an advanced admin scheduling system with CRUD capabilities and conflict detection, **reducing overlaps by 95%** and **saving 40+ monthly hours**.

## TECHNICAL SKILLS

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**Frameworks:** React, Node.js, Spring Boot, Next.js, Flask, Django, ASP.NET core, FastAPI, Bootstrap, MongoDB, Selenium

**Developer Tools:** Git, Docker, Kubernetes, TravisCI, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse