

Daniel Ha

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EDUCATION

University of Nebraska - Omaha | Omaha, NE

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

December 2025

Relevant Courses: Web Application Development, Advance Systems Analysis and Design, IT Infrastructure & Cloud

University of Nebraska - Lincoln | Lincoln, NE

B.S. in Computer Science

December 2023

RELEVANT EXPERIENCE

FPT IS | Software Engineer Intern | Hanoi, Vietnam

May 2024 - August 2024

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

VinAI | Data Engineer Intern | Hanoi, Vietnam

May 2022 - August 2022

- Implemented automated ETL pipelines utilizing Python and PostgreSQL, resulting in a **40% increase in data flow speed and retrieval efficiency**.
- Improved employee onboarding process by building an internal web application using ReactJS and NodeJS, leading to a **20% reduction in training time** and increased 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

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](#)

- 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

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

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

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