

Kaitlyn Ha

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EDUCATION

University of Connecticut

2021-2025

B.S Computer Science, Minor in Analytics | GPA: 3.5

- **Relevant Coursework:** Software Engineering, Cloud Computing, Mobile App Development, Data Structures and Object Oriented Design, Algorithms, Systems Programming, Computer Architecture, Cybersecurity, Discrete Systems, Data Science, Calculus III, Linear Algebra
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PROJECTS

Benchmarking LLMs for Time Series Analysis

September 2024-May 2025

- Deployed and compared multiple pre-existing LLMs to determine the best model based on user data
- Optimized models for classification and forecasting tasks by refining algorithms, fine-tuning parameters in PyTorch, and enhancing explainability
- Built an interactive interface that processes user data, applies selected models, and visualizes results through Grafana dashboards
- Awarded 3rd Place at UConn Senior Design Demonstration Day 2025

University Course Registration System

September 2023-December 2023

- Architected a dynamic university course registration web application leveraging Vue.js, Python3, HTML, CSS, and JavaScript, integrated with AWS: S3, Lambda, DynamoDB, API Gateway, and IAM
- Enabled robust features including course creation, student registration, instructor views, and Auth0 authentication, ensuring high resilience and performance during peak usage times
- Employed Agile methodologies for project development, facilitated by tools like Trello for task management and Git for version control and collaborative coding

WORK EXPERIENCE

University of Connecticut, Storrs, CT

Python Undergraduate Teaching Assistant

August 2024-May 2025

- Taught 40 students Python programming and core CS concepts through interactive lessons, hands-on coding, and one-on-one support
- Provided detailed code reviews to enhance comprehension, debugging skills, and technical proficiency

Software Engineering Undergraduate Teaching Assistant

January 2024-May 2024

- Mentored students in software engineering practices, including code review, Agile methodologies, and developing scalable web applications with Vue.js and AWS
- Evaluated student performance by providing detailed feedback on reports, grading assignments and exams, and fostering a strong grasp of software engineering concepts

ACTIVITIES

Vietnamese Student Association, University of Connecticut, Storrs, CT

October 2021-May 2025

President

May 2024-May 2025

- Lead 15 member executive board through weekly meetings and biweekly general body meetings, guiding team initiatives while supporting members' growth in leadership, communication, and advocacy
 - Managed cross-functional teams of up to 40 student leaders to plan and execute large-scale cultural events, managing logistics, timelines, and resources for events with up to 400 attendees
 - Expanded campus presence by launching inclusive initiatives that connected non-Vietnamese students to Vietnamese culture while fostering professional and cultural development opportunities for all members
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TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript, HTML, CSS

Miscellaneous: Git, AWS, Linux, Flask, Vue.js, Figma, Excel