MICHELLE LE

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EDUCATION

Connecticut College   **New London, CT**
BAs in Computer Science & Quantitative Economics   *August 2021 – May 2025*

- **Cumulative GPA:** 3.98/4.0
- **Awards and Honors:** Dean's Scholarship, Dean's High Honors
- **Relevant Coursework:** Algorithms, Data Structures, Computer Organization, Entertainment Software Design, Discrete Mathematics, Introduction to Statistics

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, SQL
Frameworks: Flask, Django, ReactJS, ExpressJS, Bootstrap
Databases: MySQL, SQLAlchemy, MongoDB

WORK EXPERIENCE

Connecticut College   **New London, CT**
Computer Science Teaching Assistant   *August 2022 – Present*

- Hold 2-hour weekly TA session to help students fix bugs and improve their understanding of fundamental CS concepts, key data structures and algorithms in Python.
- Assist professor with in-class teaching by grading assignments and explaining course materials to 50 students.

MCP Group   **Hanoi, VN**
Product Management Intern   *December 2020 – August 2021*

- Developed and launched the flagship product package for Investment Banking Prep service by executing technical research, insights collection, and interviews with industry experts.
- Increased website traffic by 25% by conducting UI-UX research, designing a scalable UI and collaborating with software engineering team to revamp site structures, navigation, page optimization and graphics integration
- Conducted analysis on competitors' products to draw long- and short-term strategic plans for product development.

PROJECTS

Weather App
- **Technologies:** Python, Flask, Jinja HTML/CSS, Bootstrap, SQLAlchemy, Heroku
- Built and deployed a web application in Python and Flask framework that takes in location name, crawls the OpenWeatherMap API, renders a dashboard with SQLAlchemy database, and serves real-time weather data to user.

To-Do List
- **Technologies:** JavaScript, HTML/CSS, ExpressJS, MongoDB (Mongoose)
- Built a task management web application that uses ExpressJS route parameters to allows user to create multiple custom to-do lists, and stores each list separately in MongoDB database.

Space Invaders
- **Technologies:** Python
- Wrote design documentation and implemented game algorithms in OOP-styled Python, using PyGame and Zelle's Graphics library.

CC SnapTweet
- **Technologies:** Java
- Implemented various data structures (linked list, tree, hashmap, stack and priority queue) to build a CLI social media app for Connecticut College students.