Chou Heng Ieong (Jack)

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EDUCATION

Bachelor of Science in Computer Science   **Aug 2019 - May 2023**
University of Massachusetts, Amherst   Amherst, MA
GPA: 3.6; Dean's List; Chancellor's Scholarship
Relevant Coursework: *Web programming, Search Engine, Introduction to Algorithms. Principles of Data Science. Artificial Intelligence, Programming Methodologies*

EXPERIENCE

Front End Developer   **July 2022 - Present**
BlogSpot   Remote
- Developed and architected a highly interactive blogging application using React.js.
- Implemented API calls to obtain clients' information securely and stored their data in Cassandra Database.
- Organized code efficiently to ensure effective communication. Refactored and created components to enhance code reusability.

Software Engineering Intern   **May 2021 - August 2021**
Labor Affairs Bureau   Macau, Macau
- Conducted data cleaning in Python to eliminate corrupted and incorrect data from the LAB database to ensure data consistency and integrity.
- Collaborated with the IT team and the infrastructure team to set up patch automation for all Linux servers in LAB.
- Interviewed workers for data collection to measure and analyze working conditions and labor market activities.

PROJECTS

Portfolio Website
jieong.com
Developed an aesthetically pleasing front-end responsively using HTML, CSS, JS and Bootstrap to present a showcase of my work experience, projects, as well as my web development skills. Used Netlify for deployment.

Habita
Designed a to-do list web application to allow users to store and keep track of their tasks and habits securely and without a mess. Built this project with embedded Javascript for front-end and Node.js for back-end.

Vibe
Created a web application with the goal of enhancing the experience of party hosts and guests on song selection at the party. Used Express and MongoDB for back-end, and interacted with REST API calls from Javascript.

SKILLS

Languages: Javascript, HTML, CSS, Python, Java, SQL, C
Technologies: Git, Node.js, Express, React, Redux, Bootstrap, REST APIs, NoSQL, Styled Components, Heroku