Jack Ieong

(413) 512-9535 | jieong.dev@gmail.com | linkedin.com/in/ieongch0106 | github.com/ieongch0106

Education

Bachelor of Science in Computer Science   Sep 2019 - May 2023
University of Massachusetts, Amherst   *Amherst, MA*
Awards: Dean's List; Chancellor's Scholarship;
Coursework: *Web development; User Experience; Scalable Web Systems; Human-Computer Interaction; Database management;*

Experience

Web Development Mentor   Sep 2022 - Present
University of Massachusetts, Amherst   *Amherst, MA*
- Lectured students the key concepts of client-side and server-side web technologies including HTTP, AJAX, HTML5, CSS3, JavaScript, Node.js, and more.
- Demonstrated students how to integrate backend with frontend using API requests, as well as how to communicate with databases such as PostgreSQL, mySQL, or MongoDB.
- Taught students on the architecture of a version control system and the basics of Git.
- Debugged and graded students' projects and provided concrete feedback to further their coding skills.

Software Engineering Intern   May 2021 - Aug 2021
Labor Affairs Bureau   *Macau, Macau*
- Eliminated corrupted and incorrect data to ensure consistency and integrity by using NumPy and pandas.
- Collaborated with the IT and infrastructure team to set up patch automation for all local Linux servers.

Web Designer   Jun 2020 - Feb 2021
PupPack, an E-commerce Business   *Remote*
- Designed an accessible and responsive E-commerce web application to sell pet niche products using Shopify and Figma.
- Improved organic search results by advancing the search results page from number 20 to number 13.

Projects

Portfolio Website
jieong.com
- Designed and developed an aesthetic responsive personal portfolio website using JavaScript, HTML, CSS, and Bootstrap.

Newsly
newsly-api.netlify.app
- Created a news aggregator web application by fetching live-breaking news from NewsData.io using React.js, Axios. Providing readers with stay up-to-date on world events, sports, politics, entertainment, and more.

UTrade
github.com/ieongch0106/UTrade
- Developed an online marketplace application for UMass students that facilitates buying and selling locally using React.js, Styled-components, Express, and MongoDB.

Technical Skills

React / JavaScript / TypeScript / HTML / CSS / Bootstrap

Node / Express / REST APIs / SQL / MongoDB / Apache Cassandra

Git / Docker / Kubernetes / Unix

Heroku / Shopify / WordPress / Figma / Canva / Visual Studio