

Michelle Nguyen

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SKILLS

Strong In: C/C++, React, Python, HTML/CSS, JavaScript, Next.js, Node.js, Git, MySQL, FlutterFlow, Figma

Familiar With: Kotlin, MongoDB, Haskell, OpenGL, OpenMP

EDUCATION

Oregon State University

June 2024

Bachelor of Science in Computer Science / Web and Mobile App Development

GPA: 3.74

- Relevant Coursework: Operating Systems, Algorithms, React Development, Object Oriented Programming, Data Structures, Mobile Software Development, Cloud Application Development, Computer Graphics, UI/UX Engineering, Computer Networks, Introduction to Security

EXPERIENCE

Coding Instructor | *Coding with Kids*

June 2024 - Present

- Facilitated engaging Python camps for groups of approximately 8 students ages 8-12.
- Motivated students in learning and applying programming concepts such as functions, loops, and conditionals using Codesters.
- Encouraged problem-solving skills by advising students to develop their own project ideas and applying course concepts.

Teaching Assistant | *Oregon State University*

Sept. 2022 – June 2024

- Tutored classes including ENGR+, Intro to Usability Engineering, and Web Development.
- Led classes and studios ranging from personalized classes of 8 to large lectures of 25.
- Supported students in completing class assignments for ENGR+ and Web Development by clarifying class concepts and assisting with code troubleshooting.
- Conducted peer-review sessions to provide actionable feedback on design and coding practices.
- Provided constructive feedback on Figma prototypes for Usability Engineering students by suggesting design improvements and usability enhancements.

PROJECTS

OSU 4-H Record Books Web App | *ReactJS, Next.js 14, FlutterFlow, Git*

Sept. 2023 – June 2024

- Collaborated with a team to develop a ReactJS and Next.js 14 web app to digitize and streamline 4-H Resumes and the General Animal Science Project reports, where users can record their project data and export the information into a dynamically formatted PDF for easy distribution and record-keeping.
- Designed the UI using FlutterFlow to establish an intuitive layout before utilizing React components and libraries to create the front-end design of the 4-H Resume, Projects, Home, and Accounts page.

Resume Feedback Website | *React, SQL, OAuth, REST API*

Mar. 2024

- Partnered up with a team to design and implement a react-based full stack web app, integrating Dropbox and OAuth authentication for resume uploads, and Disqus threads linked to each document for resume feedback.
- Configured OAuth authentication with Dropbox and designed the sign in page to facilitate secure user login.

Online Bookstore | *HTML/CSS, Handlebars, MariaDB, Node.js*

Aug. 2023

- Developed a full-stack online bookstore website that allows users to browse, purchase, and review books.
- Implemented CRUD functionalities for managing book listings, user accounts, orders, and reviews.
- Collaborated on database design to create tables and relationships for storing book information, user profiles, order details, and reviews.