Michelle Huyen Nguyen

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EDUCATION

Certificate: Meta Front-End Developer by Meta on Coursera	Nov. 2024
Oregon State University	*Bachelor of Science in Computer Science*	June 2024

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

SKILLS

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

WORK EXPERIENCE

Coding Instructor | *Coding with Kids*   June 2024 - Present

- Designed and implemented a curriculum that introduces foundational Python programming concepts (functions, loops, conditionals) for 10-12 students
- Developed hands-on exercises to strengthen key coding concepts and promote problem-solving skills
- Guided students in project development, providing feedback to resolve coding errors and apply course concepts

Teaching Assistant | *Oregon State University*   Sept. 2022 – June 2024

- Led tutoring sessions and lectures for up to 25 students in subjects including ENGR+, Intro to Usability Engineering, and Web Development
- Provided one-on-one support, clarifying complex coding concepts, troubleshooting code, and offering design feedback on Figma prototypes
- Facilitated peer-review sessions to provide actionable feedback on students' design and coding practices

COMPUTER SCIENCE PROJECTS

Little Lemon Restaurant Web App | *React, Bootstrap, Formik, Yup, Jest, Git*   Nov. 2024

- Developed a responsive web app for the fictional Little Lemon restaurant using React components to structure layout and Bootstrap for a responsive navbar
- Improved form submission accuracy by implementing validation with Formik and Yup, reducing errors and enhancing user experience
- Utilized Jest to write unit tests for form validation, state handling, and ensure bug-free user experience

OSU 4-H Record Books Web App | *ReactJS, Next.js, FlutterFlow, Git*   Sept. 2023 – June 2024

- Develop a ReactJS and Next.js web app with a team of 2 to digitize and streamline 4-H project record-keeping
- Enhanced efficiency in record-keeping by 40% based on 4-H project partner feedback
- Created an interactive prototype and UI mock-ups using FlutterFlow
- Implemented React components to develop responsive pages for 4-H resumes, projects, home, and accounts

Resume Feedback Website | *React, SQL, OAuth, REST API, Git, Github*   Mar. 2024

- Partnered with 3 other developers on a full-stack React web app for resume uploads and feedback, utilizing a REST API for data handling
- Configured OAuth authentication with Dropbox to enhance security for use access
- Designed and implemented sign in page, to ensure seamless and secure user login experience

Cloud Books | *HTML/CSS, Handlebars, MariaDB, Node.js, Git, Github*   Aug. 2023

- Developed a full-stack online bookstore website that allows users to browse, purchase, and review books
- Implemented CRUD operations and integrated MariaDB queries for managing book listings, user accounts, orders, and reviews
- Worked with a partner on database design to create tables and relationships for storing book information, user profiles, order details, and reviews