

Sameh Fazli

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[Linkedin](#)

[Github](#)

SKILLS: JavaScript, Redux, SQL, HTML5, CSS3, Python3, C

Tools/Frameworks: Github, Git, Visual Studio Code, NodeJS, React.js, Express, Sequelize, PostgreSQL, SQLAlchemy/Flask

Work Experience:

Code Coach - theCoderSchool Oct 2023 - Present Walnut Creek, California, United States · On-site

- Instruct young children in coding using Scratch, Javascript, Replit, and CSS making it engaging and accessible.
- Oversee student projects, fostering creativity and problem-solving.
- Streamlined and optimized one to two-hour coding sessions for multiple students, maximizing productivity and ensuring that each session delivered tangible progress
- Leveraged the TCSTracker System to proactively engage with parents, keeping them informed about their child's progress.
- Cultivated a culture of clear and professional communication with students, parents, and colleagues, fostering a positive and collaborative learning environment.

PROJECTS

NERF SENTRY AI

[Source](#)

This project serves as a surveillance and entertainment device that fires upon detecting a person.

- Collaborated with a team of 3 to design and develop an automated Nerf gun sentry turret using Raspberry Pi, servos, motors, and OpenCV AI Face recognition.
- Optimized camera FPS using Python and OpenCV for facial recognition accuracy.
- Implemented server-client architecture using Tornado Websocket Python library for seamless communication between components.

Pantsy

[Live Site](#) | [Source](#)

It is an online e-commerce store that focuses on pants shopping.

(Javascript, Python, React, Redux, HTML/CSS, Flask, and NodeJS)

- Developed one of the four CRUD functionalities and utilized backend decorators, blueprints within Flask, and other relevant technologies to ensure efficient and reliable functionality.
- Built a front-end review system that allowed users to leave feedback and rate products, utilizing event listeners and React hooks such as useState and useSelector.
- Developed shopping cart functionality utilizing Flask blueprints and backend decorators to create the "add item to cart" feature, ensuring efficient and reliable functionality.

Sam-Mart

[Live Site](#) | [Source](#)

A PetSmart clone built with JavaScript, Python, React, Redux, HTML/CSS, Flask, and NodeJS.

- Developed a pet washing service booking system using Flask blueprints and decorators to enhance code modularity and improve maintainability.
- Implemented a front-end review system using React's useState hook
- Implemented a favorite dinosaur feature using React components and state hooks to enhance user engagement.

Cinema Center

[Source](#)

A movie clone website inspired by IMDB built with Javascript, HTML/CSS, NodeJS, EJS, and Firebase.

- Developed a website showcasing movie and actor data using the IMDB dataset, featuring analysis of movie year, title, and actor information such as name, birth, and death.
- Utilized Firebase Database to store user and comment review data for enhanced interactivity and engagement.
- Configured the website to run with Docker, creating a YAML file and using Docker Compose to ensure seamless and efficient deployment, enhancing the website's scalability and reliability.

EDUCATION

App Academy - Software Development course with a focus on full-stack web development (August 2022-April 2023)

UNIVERSITY OF CALIFORNIA, RIVERSIDE, Bachelor of Science, Computer Science, June 2021

LOS MEDANOS COLLEGE, Associate in Science, Computer Science June 2018