

Elizabeth Pinero

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Professional Experience

Code In Place Section Leader (Python Course)

04/2024 – 05/2024

Stanford

- Delivered engaging and interactive Python programming lessons to students in a virtual classroom setting.
- Covered essential topics, including **control flow**, **data structures**, and **graphical programming**, ensuring a comprehensive learning experience.
- Facilitated discussions on programming concepts and problem-solving techniques to enhance student understanding and foster a collaborative learning environment.

Freelance Web Developer

08/2018 – 06/2022

Chef Calvin Wat Catering

Toronto, Canada

- Created **fullstack** website & e-commerce website store using **React**, **Mongoose**, **NodeJS**, and **Express**
- Implemented **user authentication** features including sign-up, sign-in, and sign-out functionality using **JWT** for secure access management.
- Integrated **Square's Online** API to enable safe and efficient payment processing for customers.
- Designed and built a fully functional **shopping cart** with dynamic item updates and persistent session storage for a smooth user experience.
- Wrote comprehensive **unit and integration tests** using **Jest** and **Supertest** to ensure robust performance and prevent bugs across the application. Implemented secure payment and checkout system using Square
- Utilized **React** for front-end components, **Redux** for state management, and **Node.js/Express** for server-side logic, ensuring modularity and maintainability.

Education

Bachelor of Business in International Development

2016 – 2020

Humber College

Toronto, Canada

Skills

JavaScript | HTML5 | CSS | React | Redux | Git | Linux | GitHub | Firebase | Functional Programming | Object-Oriented Programming | Jest | Webpack | NPM | Node.js | React Testing Library | Python

Projects

Fullstack Blog 🔗

- Fullstack blog with separate backend and frontend featuring single user sign-in, and full CRUD functionality using a REST API
- Built using NodeJS, Express, Mongoose, and frontend built with React

Twitter Clone 🔗

- Features multi-user sign-in using Firebase and Google OAuth, full CRUD functionality that makes requests to Firestore database, tweet, retweet, follow/unfollow and individual profiles
- Unit and Integration tests written using Jest and React Testing Library
- Built with React, Firebase and CSS

Photo Tagging App 🔗

- Implemented a responsive 'Where's Waldo' game using JavaScript, React, HTML, CSS, and Firebase's Cloud Firestore
- Used Firebase backend to manage data and hold static assets
- Enabled multi-user interaction through leaderboard implementation
- Unit tests written using Jest and React Testing Library

Open Source

The Odin Project

01/2023 – 02/2023

- Submit various GitHub pull requests that edit markdown to fit website style guide
- Used git pull/git push to merge working directory and remote repository, and then to submit changes for review
- Collaborated with website moderators to understand and instantiate changes