

Kirk Flores

(909)-685-0658 | kirkpflores@gmail.com | <https://www.linkedin.com/in/kirk-flores-a24875259/> | <https://github.com/KirSpaceB>

Summary

Currently taking private mentorship Mon -Thurs, 8pm to 10pm, I further improve my programming abilities by committing multiple times daily on GitHub. While also tutoring HighSchool and College students who share the same passion in programming as me.

Skills & Technologies

Technical Skills

- Full-Stack Web Development
- Application Deployment
- Unit and Integration Testing
- RESTful API Development
- UI Design (Figma), Photoshop
- OOP and Functional Programming
- Accessibility

Languages: JavaScript ES6, TypeScript, Python

Front-End: HTML5, CSS3, BootstrapCSS, TailwindCSS, JQuery, React, NextJS, Webpack

Back-End: Flask, Express

DevOps: AWS, GitHub Actions, Docker

Hosting Services: EC2, GitHub Pages

Testing: Jest, React Testing Library

Databases: MySQL, Mongo

Selected Projects

kirspaceb.github.io(Personal Portfolio)

06/2023 - Present

- Personal portfolio featuring an interactive ChatGPT theme, complete with manually animated prompts and dynamically animated output fields, with projects page displayed via videos.
- Built a custom React hook for handling animations and optimizing developer efficiency.
- Developed with React, TypeScript, and styled with Tailwind for **mobile responsiveness**. Deployed on GitHub pages.
- Created a **Dockerfile** for Continuous Integration (CI) and Continuous Deployment (CD) using **GitHub Actions**.

GIS-Data-Visualizer(Web Application)

04/2023 - 06-2023

- Web Application that visualizes population and county employment level on an interactive 2D map of the world.
- Integrated React, TypeScript with Esri's **ArcGIS Maps SDK** to render and customize API data on the map.
- Handles displayed data through React Context, combined with the fetch API.

Personal-Investment-Helper(Full-Stack Web Application)

12/2023 - 03/2023

- Dashboard that links multiple financial Web APIs together leveraged for investment decisions.
- Developed stock charts with D3.js integrated with React, and handles historical stock data with Flask.
- Integrates **Unit** and **Integration tests** to components and application state managed using React Context.

Users-Habit-Tracker(Full-Stack Web Application)

09/2022 - 11/2022

- Web Application setup with **MVC Architecture** that allows users to signup, login and track their habits.
- Implements **RESTful API Architecture**, with Flask and MySQL along with JWT authentication for users to habit.
- Utilizes MySQL to build relational data sets with user to habits allowing users to save their habits upon logging in.

Education

Private Mentorship *Seattle, WA, USA*

09/2022 - Present

- Mentored by a software engineer in a fortune 100 company.
- Relevant Topics:
 - SDLC
 - Code Readability
 - Test-Driven-Development
 - CI/CD
 - Internalization
 - Data Structure Algorithms

California State University - San Bernardino *San Bernardino, CA, USA*

- Undergraduate Coursework in Public Health - Analyst.

06/2022 - 08/2022

San Bernardino Valley College *San Bernardino, CA, USA*

- Undergraduate Coursework in Health Science.

08/2020 - 05/2022

Experience

Freelance / Programming Tutor

04/2023 - Present

- Individual Instruction: Delivered personalized one-on-one instruction to students on key JavaScript principles, terminal navigation, git/github, and setting up VS Code as an integrated coding environment.
- Debugging/Problem Solving: Guiding students through debugging JWT authentication and user sessions issues.

Youth Rush / Sales Representative

05/2019 - 08/2019

- Helped in organizing and leading a team of six by positioning them in locations that will play in their strengths.
- Improved self-confidence and social skills by distributing self-help books door to door.

Certifications

- Meta(Facebook): React Basics & Advanced React - 2022
- Meta: Introduction to Frontend & Backend Development - 2022
- Meta: Programming with JavaScript - 2022
- Google: Foundations: Data, Data Everywhere - 2023