

KRISTEN SANTOS

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TECHNOLOGIES

Javascript

React

NextJs

HTML5

CSS3

Express.js

PostgreSQL

SQL

AWS (Cloud-9)

Figma

VSCode

RELEVANT EXPERIENCE

Software Engineering Teaching Assistant - The Marcy Lab School

Brooklyn, NY | Mar 2024 - Present

- Reviewed and graded technical assignments, providing detailed feedback that improved student coding practices and contributed to higher overall class performance
- Delivered tailored 1-on-1 support to students struggling with the curriculum, resulting in improved comprehension, confidence, and successful course completion for all assisted students
- Mentored students in essential technical skills, including problem-solving, teamwork, and effective communication, equipping them for success in their tech careers

Developer Contractor - NJCIC (NJ Consortium for Immigrant Children)

New York, NY | Jul 2023 - Sep 2023

- Spearheaded the development of key features that significantly improved user engagement and access to state representatives' contact information
- Collaborated seamlessly with NJCIC by aligning on the mission, vision, and tech implementation through productive discussions, enhancing this impactful advocacy tool
- Produced in-depth feature documentation, empowering NJCIC for independent maintenance, and fostering longevity

SOFTWARE PROJECTS

Binge Finder - Project

Jan 2025

A web application that helps users discover new TV shows and access detailed information to find their next favorite series

- Integrated the TV Maze API to fetch and display detailed information about selected TV shows, improving user engagement and experience
- Implemented local storage functionality, allowing users to temporarily save shows of interest for future reference
- Leveraged CSS and media queries to design a responsive, interface that ensures a seamless user experience across devices

CareCompanion - Project

Jun 2023

An application designed to amplify the voices of people of color in healthcare and promote equity, accountability, & transparency

- Integrated the frontend with CareCompanion's API seamlessly, handling data retrieval, updating UI components, and ensuring smooth communication between the frontend and backend systems
- Built the bookmark feature for users to save doctors and healthcare facilities for later reference, enhancing the platform's personalization and user efficiency
- Utilized Bulma CSS to create responsive, user-friendly interfaces, ensuring a cohesive experience across devices

Bird-Go - Project

Apr 2023

An online community platform for bird enthusiasts, citizen scientists, and bird watchers to share information about birds

- Designed a user-friendly front-end interface with modern design principles and intuitive navigation, helping fostering higher user engagement and satisfaction
- Created and implement a database schema featuring efficient one-to-one and one-to-many relationships, allowing optimal data organization and retrieval
- Leveraged the template engine Pug.js to write clean, concise, and reusable HTML

SPACE RUN - Project

Feb 2023

A 2D game that challenges players to avoid obstacles and climb the leaderboard, designed with HTML, CSS, and Vanilla JavaScript

- Directed the technical development of gameplay functions in the Space Run project, leveraging a combination of HTML, CSS, and JavaScript to create engaging and interactive game mechanics

- Effectively delegated tasks to team members, ensuring that project milestones and deadlines were consistently met
- Implemented obstacle functions that encourage players to reach a high score, resulting in a more engaging gaming experience

WORK EXPERIENCE

Shift Supervisor - Starbucks

Pleasant Grove, UT | Jun 2021 - Aug 2022

- Worked collaboratively with multiple levels of upper management in training new shift supervisors to ensure consistent service
- Updated computer systems with new inventory, employee information, or changes in company policies or procedures

EDUCATION

Fellow - Google G-SWEP Program

New York, NY | Oct 2023 - Dec 2023

- Engaged in weekly 1:1 sessions with a Google Software Engineer to hone my understanding of data structures and algorithms
- Received coaching and mentorship to master interview skills and bolster my technical problem-solving abilities

Software Engineering Fellow - The Marcy Lab School

Brooklyn, NY | Sep 2022 - Sep 2023

- Completed 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- Developed proficiency in HTML/CSS, JavaScript, NodeJS, ReactJS, SQL, and AWS
- Contributed to the open-source community by writing a blog about programming technologies such as React

AS - General Studies - Utah Valley University

Orem, UT | Sep 2017 - May 2020

- GPA 3.48