Ralph Parin

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EDUCATION

Bachelor of Science in Computer Science   September 2020 - June 2023
University of California | Irvine, CA | Overall GPA: 3.6/4.0

TECHNICAL SKILLS

Languages: CSS, HTML, Java, JavaScript
Test Automation: Jest, Junit, Mockito, Playwright, Postman
Developer Tools: AWS, Docker, Figma, Git, Node, NPM, IntelliJ Idea, Visual Studio Code

EXPERIENCE

Robotics & Coding Instructor   Jan 2025 - Present
Magikid Robotics Lab | San Marino, CA
- Instructed regular robotics classes, promoting a growth mindset and continuous learning, resulting in students' greater willingness to tackle challenges
- Worked with students to develop problem solving and critical thinking skills, leading to enhanced creativity in solving complex problems
- Collaborate with cross functional teams to plan and execute educational activities, which resulted in a positive learning experience for students

Software Developer Intern   April 2023 - June 2023
Summit Technology Laboratory | Irvine, CA
- Work collaboratively with front-end and back-end developers in an Agile Scrum team to create a Real Time Streaming web application, to ensure responsiveness on both desktop and mobile devices
- Enhanced user experience based on an understanding of client specification, needs and user requirements
- Participated in weekly Scrum meetings and code reviews, applying MVC best practices to improve code organization, maintainability, collaboration, and development speed

PROJECTS

Hello Dog | React, *Java, Spring Boot, Docker, AWS*   Sep 2024 - Dec 2024
- Designed a website that provides dog information by integrating data from various REST APIs
- Wrote tests using Mockito to mock dependencies and perform isolated testing of backend services
- Applied Object Oriented Programming (OOP) principles to ensure scalability, maintainability of code

Spotify Artist Network | *React, Jest, Playwright, AWS, Docker*   Oct 2023 - Nov 2024
- Utilized JavaScript to write unit and end-to-end tests, aiding in debugging and ensure app reliability
- Applied responsive web design principles with CSS Flexbox and Grid to ensure optimal user experience across desktop and mobile devices
- Configured CI/CD pipelines on Github Actions to automate build, test, and deployment stages

Clinical Trials Map | React*, Git, Postman, Notion*   Aug 2023 - Sep 2023
- Utilized project management tools like Notion to help in task tracking and team coordination
- Enhanced team communication and version control efficiency by creating a feature branch workflow
- Wrote technical documentation detailing step-by-step instructions for launching and running the app

RELEVANT COURSES

Software Engineering, Data Management, Requirements Gathering & Analysis, User Interaction Software, Information Retrieval, Data Structures, Project in Algorithms and Data Structures, Project in Software System Design