Ralph Parin

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EDUCATION

University of California, Irvine | *Bachelor of Science in Computer Science*   September 2020 - June 2023

TECHNICAL SKILLS

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

EXPERIENCE

Robotics & Coding Instructor | Python   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 | *Angular, .NET, MySQL*   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 | Reactjs, *Java, Docker, AWS, Spring Boot*   Sep 2024 - Dec 2024

- Developed scalable, UI components using HTML5 and CSS3 ensuring cross-browser compatibility
- Utilized Docker to containerize the web application, ensuring compatibility across different hardware and operating systems, enabling seamless deployment on various platforms
- Deployed on AWS using ECS, ensuring seamless scalability and reliability of the application in a cloud environment

Spotify Artist Network | *React, Jest, Playwright, AWS, Docker, Yaml*   Oct 2023 - Nov 2024

- Applied responsive web design principles with CSS Flexbox and Grid to ensure optimal user experience across desktop and mobile devices
- Designed RESTful API interactions with Spotify's public API, implementing error handling, pagination support, and retry logic to handle rate limits
- Configured CI/CD pipelines to automate build, test, and deployment stages, enhancing release efficiency and reducing human error

Clinical Trials Map | *ReactJS, Git, Postman, Notion*   Aug 2023 - Sep 2023

- Utilized project management tools like Notion to streamline task tracking and team coordination
- Enhanced team communication and version control efficiency by establishing a feature branch workflow
- Wrote technical documentation detailing step-by-step instructions for launching and running the application

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