

# Ralph Parin

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## EDUCATION

**University of California, Irvine** | *Bachelor of Science in Computer Science*

## TECHNICAL SKILLS

**Languages:** C++, Java, HTML, TypeScript, JavaScript, Python

**Frameworks:** Spring Boot, Jest, Playwright

**Libraries:** React, SFML

**Developer Tools:** AWS, Docker, Figma, Git, IntelliJ Idea, Visual Studio Code, MS Office suite (Word, Excel, Outlook)

## EXPERIENCE

**Robitcs & Coding Instructor** | Python

Jan 2025 - Present

Magikid Robotics Lab | San Marino, CA

- Demonstrate leadership by instructing regular robotics classes, fostering a growth mindset and continuous learning, which empowered students to confidently tackle challenges
- Work with students to cultivate problem-solving and critical thinking skills, fostering innovative thinking
- Collaborate with cross-functional teams, utilizing interpersonal skills to plan and execute educational activities, resulting 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
- Attended weekly Scrum meetings and code reviews, applying MVC best practices to enhance code documentation, debugging, quality, communication, collaboration, scalability, and user experience

## PROJECTS

**Hello Dog** | *Reactjs, Java, TypeScript, Docker, AWS, Spring Boot*

Sep 2024 - Dec 2024

- Utilized Docker to containerize the web application, ensuring compatibility across different hardware and operating systems, enabling seamless deployment on various platforms
- Used test automation tools like Jest to write unit and integration tests, enhancing quality assurance (QA), troubleshooting, and application monitoring for improved reliability
- Managed the deployment on AWS using ECS, ensuring seamless scalability and reliability of the application in a cloud environment

**Spotify Artist Network** | *React, Expressjs, Jest, Playwright, AWS, Docker, Yaml*

Oct 2023 - Nov 2024

- Utilized Spotify Rest API to create a responsive website for exploring an artist's network of related artists
- Leveraged JavaScript to write unit and end-to-end tests in Jest and Playwright, integrating with CI pipelines
- Conducted accessibility testing using tools such as WAVE (Web Accessibility Evaluation Tool) and axe DevTools to identify and address accessibility issues, ensuring compliance with WCAG guidelines

**Clinical Trials Map** | *ReactJS, Expressjs, 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