Rodrigo Bondoc

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Work Experience

snapIoT (acquired by Covance Inc.)   **Jan. 2021 - Present**
Software QA Analyst   San Diego, CA
- Engage in daily standup and bi-weekly Scrum meetings with developers and project managers
- Identify bugs and defects through manual testing and Chrome DevTools and document them in Jira
- Write and execute test cases in TestRail to thoroughly evaluate web and mobile applications according to software requirement specifications

Aya Healthcare   **Dec. 2019 - Dec. 2020**
Compliance Specialist   San Diego, CA
- Reduced the time taken to generate paperwork by at least 30% using Adobe PDF and JavaScript
- Updated and created training guides for various applications and for auditing medical documents
- Simultaneously trained 5 remote employees to understand COVID-19 and OSHA compliance in the industry and client requirements to properly order clinical services

Raveon Technologies   **Jul. 2019 - Aug. 2019**
Design Engineer   Vista, CA
- Analyzed a Linux gateway written in C++ and ported it to run on a cheaper computer
- Used lab equipment such as power supplies, DMMs, and oscilloscopes to test radio modems
- Documented source code and updated technical documentation to reflect updates to the application

Education

San Diego State University   **Aug. 2014 - May 2019**
B.S. in Electrical Engineering, Minor in Computer Science   San Diego, CA
- **Cumulative GPA:** 3.42
- Dean's List recipient in Fall '17, Spring '18, Fall '18, Spring '19
- Received Distinction in the Major for achieving an upper division major GPA greater than 3.5

Projects

Game Randomizer - Independent Project   **Nov. 2020 - Present**
Github: https://github.com/rbondoc96/DBD-Game-Randomizer
- Creating a REST API and WebSocket interface using Django to create sessions for 2-5 users
- Building and implementing the front-end of the application using React, SCSS, and Webpack

Personal Website - Independent Project   **Feb. 2021 - Mar. 2021**
Github: https://github.com/rbondoc96/rbondoc96.github.io
- Designed and developed a portfolio website using React, SCSS, and Webpack

Parking Buddy - Senior Capstone Project   **Sep. 2018 - May. 2019**
Github: https://github.com/rbondoc96/EE-Senior-Design
- Implemented a real-time IoT solution with LoRa to monitor parking availability in parking structures
- Developed an algorithm with Python and OpenCV that achieved up to 90% vehicle detection accuracy

Skills & Interests

Programming Languages: Python, C/C++, HTML, (S)CSS, JavaScript
Libraries & Frameworks: React, Django
Tools & Databases: Git/Github, PostgreSQL, Chrome DevTools, Microsoft Office
Interests & Hobbies: Travel; Yoga; Team sports; Video games