

Rodrigo Bondoc

[GitHub](#)
/rbondoc96

[LinkedIn](#)
/in/rbondoc96

<https://rbondoc.com>

rbondoc96@gmail.com
+1 (714) 801-8816
San Diego, CA

Professional Experience

Software QA Analyst

Jan. 2021 - Present

snapIoT (acquired by Covance Inc.)

San Diego, CA

- Performing smoke, regression, functionality, and end-to-end testing on web and mobile applications used in clinical trials
- Documenting defects and error logs encountered during testing in the Jira bug tracking system
- Writing and executing test scripts in TestRail against software requirements, HIPAA, and FDA regulations

Compliance Specialist

Dec. 2019 - Dec. 2020

Aya Healthcare

San Diego, CA

- Audited and interpreted lab results and clinical documents for accuracy and took action to correct any errors
- Increased overall quality and efficiency in generating medical documents by at least 30% by adding JavaScript into PDFs
- Trained remote employees in groups to understand requirements from client hospitals, OSHA, and COVID-19 protocols and request proper medical services for traveling clinicians to achieve compliance

Design Engineer

Jul. 2019 - Aug. 2019

Raveon Technologies

Vista, CA

- Tested RF devices using electrical lab equipment such as power supplies, DMMs, and oscilloscopes
- Analyzed an RS-232 radio gateway and web server written in C++ that routed data between radio stations
- Debugged and performed verification testing on the gateway to ensure proper function after a device port

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 2017, Spring 2018, Fall 2018, Spring 2019
- Received Distinction in the Major for achieving an upper division major GPA greater than 3.5

Projects

Real-Time Game Randomizer - Independent Project

Nov. 2020 - Present

Github: <https://github.com/rbondoc96/DBD-Game-Randomizer>

- Designing and building a responsive client web application using Figma, React, SCSS, and Webpack
- Developing a server using Django that hosts real-time group sessions using WebSockets and randomizes player builds through a REST API
- Using Django Channels and Docker to run a Redis image to implement the WebSocket interface

Parking Buddy - Senior Capstone Project

Sep. 2018 - May. 2019

Github: <https://github.com/rbondoc96/EE-Senior-Design>

- Implemented an IoT solution to monitor parking availability inside campus parking structures using LoRa devices, cameras, and Raspberry Pis
- Developed a vehicle detection algorithm using Python and OpenCV that achieved up to 90% accuracy
- Presented vehicle congestion data in the structures to users in real-time using a native Android application

Skills & Interests

Programming Languages: Python, C/C++, HTML, (S)CSS, Java, JavaScript

Libraries & Frameworks: React, Django, Django REST, Django Channels

Tools & Environments: Agile/Scrum, Git, Webpack, PostgreSQL, Chrome DevTools, Android Studio

Interests & Hobbies: Team sports; Video games; Travel; Yoga