

Jonathan Ascencio

QUALITY ASSURANCE ENGINEER · COMPUTER SCIENCE MAJOR · CSULB

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Skills

Programming Languages Java · C++ · Python · C# · MySQL
Frameworks .NET · Entity
Operating Systems Windows · macOS · Linux

Work Experience

Extron Electronics

Anaheim, CA

QUALITY ASSURANCE ENGINEER

May 2019 - Now

- Work in an agile environment and in constant collaboration with the engineering and product control teams to deliver projects on time.
- In charge of writing and executing test cases for Toolbelt, one of the company's software tools, which is used to manage their hardware products that include control processors, touchpanels, and network button panels.
- Wrote a batch script, which uses the Jira REST api, to automate the creation of daily tasks to improve the team's productivity.
- Imported a testing tool from Python to C#.

Extron Electronics

Anaheim, CA

QUALITY ASSURANCE ENGINEER INTERN

Jan. 2019 - May 2019

- Refactored and optimized an automation program, which interprets JSON test files and performs tests on iOS and Android devices.
- Additionally, wrote a portion of the JSON parser in JAVA and used technologies such as Selenium, Appium, and BrowserStack.

CSULB Research Foundation - Caltrans

Long Beach, CA

RESEARCH TECHNICIAN

Jun. 2018 - Nov. 2018

- Programmer for a United States' and California's Department of Transportation (DOT and Caltrans)-funded research program at CSULB.
- Performed data transformation to extract features from data collected.
- Utilized machine learning algorithms from scikit-learn libraries in Python to classify different types of cars based on their electromagnetic signals.

Projects

Senior Project

Long Beach, CA

TEAM LEAD

Aug. 2018 - May 2019

- Led a team of four members to develop a Single Page Application(SPA), hosted on AWS.
- Carried out an agile methodology, specifically SCRUM, by overseeing team standups, sprint planning, and sprint retrospectives.
- Implemented the SQL database, and deployed it on an RDS instance, using the Entity Framework.
- Set up routes for our web api, written in C# using .NET framework
- Connected api routes to our frontend, written in JavaScript using Vuetify framework.
- Implemented the user management and session system using JSON Web Tokens.
- Integrated with a Single-Sign-On(SSO) project that was developed by another group in the class.

Message-Queue

Long Beach, CA

PROJECT MEMBER

Dec. 2018

- Implemented a message queue, consisting of three sender programs and two receivers programs, which would make system calls to communicate with each other.
- Program was written in C++ for Linux.

Extracurricular Activity

Association for Computing Machinery(ACM) - Member

Long Beach, CA

MEMBER

- Participated in the Programming team, where we solved problems involving algorithms, graph theory, data structures, and recursion.

Education

California State University, Long Beach(CSULB)

Long Beach, CA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Aug. 2015 - May 2019