



BRIAN DUENAS

COMPUTER ENGINEER

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brian316.github.io

//ABOUT

I am confident in my ability to solve challenging problems and my dedication in the work I do. Never tired of learning new things and not afraid of change; When entering a workplace, I search for solutions to improve or make the process of the work I do more efficient. Strengths include being able to work in teams or alone, being creative, reliable and having a positive attitude.

//EXPERTISE



//EDUCATION

SEPT 2014 - JUN 2019

CALIFORNIA STATE UNIVERSITY OF SAN BERNADINO

//// Bachelor of Science in Computer Engineering

//WORK EXPERIENCE

JAN 2020 - PRESENT

SYSTEMS ENGINEER

//// COMPANY - PANASONIC AVIONICS CORPORATION

Continuous integration of IFE and GCS systems for major airline companies. Daily operations include:

- Assist in the development, testing, release, and integration efforts of software and hardware associated activities.
- Hardware and software integration of new and/or existing systems, functions and LRUs designed by the Development Engineering and the software Development groups.
- Software and system testing of all embedded firmware functionality for existing systems.
- Focal point for software development, integration and problem investigation for all assigned equipment and systems.
- Assist in troubleshooting and analyzing root cause of any system anomalies/discrepancies in hardware and/or software.

OCT 2019 - JAN 2020

FRONT END WEB DEVELOPER

//// FREELANCE

Maintained company website. Created a smooth shopping experience for customers and increased customer acquisition using SEO. Worked with Javascript, CSS, and Squarespace platform tools.

JUN 2019 - SEPT 2019

STUDENT RESEARCH ASSISTANT OF ENGINEERING

//// COMPANY - CSUSB

Implemented a parking monitor system to reduce congestion and increase student productivity. Worked with a small team to document and implement a seamless system. I worked on creating software to communicate with embedded devices and a companion API to receive data in real time using Google cloud services and Python.

JULY 2018

AMERICAN EAGLE - SYSTEMS TECHNICAL ADVISOR

//// FREELANCE

Launch company's online domain and setup company emails for all employees. Also performed IT services to maintain and secure company computers.