



# 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

C++

Java

Python

SQL

Android Development

LabView 2017

Git

Matlab

Firebase

Linux

Networking

API development

GCP

Embedded systems

## //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:

- Integrate software components with the customer specific hardware.
- Resolve any issues with hardware and software integration.
- Develop test plans and procedures to validate system requirements.
- Integrated hardware and software of new and existing systems.
- Create automation tools using python to work more efficiently.

JUN 2019 - SEPT 2019

STUDENT RESEARCH ASSISTANT OF ENGINEERING

//// COMPANY - CSUSB

Implemented a parking monitor system to reduce congestion and increase student productivity. Built a client in Python to communicate with magnetometer sensors and integrated with Google Cloud Platform. I also built an API using Python to allow access to the data in real time.

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.