

Juan Pablo Marin Higueta

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EDUCATION

Wesleyan Christian Academy, High Point, NC 2010 - 2012

High School Diploma

Engineering School of Antioquia
(Universidad Escuela De Ingeniería De Antioquia) 2012 – 2018

Medellin, Colombia

Bachelor of Science in Mechatronic Engineering

Make It Real Bootcamp, Feb 2020 –
TOP Immersive Full Stack Coding Oct 2020

UNC Chapel Hill Bootcamp Oct 2021 –
Full Stack Web Developer Mar 2022

WORK EXPERIENCE

AKT Motorcycles November 2016 – May 2017
Intern. Coordinated the delivery and assembly of motorcycles, ensured adequate supplies were ordered and available, and oversaw transactions of motorcycles with several large companies.

Vantu Telemetry May 2018 – May 2019
Projects engineer. Responsible for creating a website for a Colombian company that uses cameras and sensors to measure and evaluate several variables on pig farms. Responsible for developing software through python that would detect rising ammonia and CO2 levels as well as measure temperature and humidity.

Premex Inc February 2019 – April 2019
Field Engineer. Responsible for the installation and programming of sensors and cameras on several pig farms across the USA.

HANOR

October 2019 – November 2019

Projects Engineer. Hired to create a dashboard that would sync with a database to show relevant information about the production in pig farms.

Language Resource Center

July 2020 – Present

On site Spanish Medical Interpreter. Translated for a variety of outpatient Novant clinics including family medicine, pediatrics, endocrinology, nutrition/diabetes education, psychiatry, wound care, cardiology, oncology, physical therapy, COVID19 testing sites, general surgery, orthopedic surgery, and neurosurgery. Assisted with intraoperative translation for ophthalmologic surgery as well as a variety of imaging studies including fluoroscopy, nuclear medicine studies, CT scans, and ultrasounds.

HONORS AND AWARDS**Innovation award**

December 2015

1st place in an engineering competition which required designing an innovative and effective system for weight cattle.

Thesis

December 2017

Successfully constructed a wind tunnel for the school to use in simulation labs.

National Engineering Exam

January 2018

Placed in the top 5% of Engineers in Colombia.

SKILLS & QUALIFICATIONS**Languages**

Spanish as my native language and English as secondary language, with a C1 score on the TOFL English test.

Coding

Proficient in Python, HTML 5, JavaScript, CSS, React, React Native, Redux, Express, MongoDB Amazon Web Services (AWS)

Software

Proficient in Matlab, Proteus, Arduino, Solid Edge, Automation Studio and Siemens TIA Portal (PLC)

Immigration status: Permanent resident