Jairo Sebastián Páez Rivera

Mechatronic Engineer

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PROFESSIONAL RESUME

I am a mechatronic engineer graduated from the National University of Colombia. I have experience in developing technology projects as DevOps and as a solutions engineer working with LoRA technology for IoT platforms. I am professionally interested in developing new technology and working in machine learning and artificial intelligence. I have knowledge in programming languages such as C++, Python and Java, also worked with ROS framework for mobile robotics application in college. My skills are creative thinking, decision making, ability to work in multi discipline groups and fast learning curve. As a hobby I have been taking dance lessons for 2 years and currently attend local gym.

ACADEMIC STUDIES

2012

High School diploma
New York School Bogotá

2019

Mechatronic Engineer
Universidad Nacional de Colombia

2017

Variable Structure Control Course
Universidad Nacional de Colombia

WORK EXPERIENCE

March 2019 – September 2019

Intern – Gatria SAS

Support firmware design and prototype testing.

I managed to develop anti tamper system for electric power banks. Optimized power consumption in MCU units.

September 2019 – February 2020

Solutions Engineer – Gatria SAS

Firmware developing for embedded systems and operation.

I made a IoT device capable of measuring public water service and feeding data to servers trough LoRA comms, this enabled the company to gain bidding based in the technology with EPM against competition.

LANGUAGES

Spanish: Native

English: 90%

German: 50%

SOFTWARE

Embedded Programming

Autodesk Inventor

Studio 5000

Matlab