

JUAN ESTEBAN BEDOYA RAMIREZ

TEL: +57 3176477469 | EMAIL: juanestebanbedoyaramirez2@gmail.com | CALI, COLOMBIA

PROFILE

Electronics and Telecommunications Engineer, single, 27 years old, identified with Passport AO974104 graduated from the Faculty of Engineering of the University of Cauca, with a master's degree in business administration from the University of Grenoble École of Management on the Berlin campus.

PROFESIONAL EXPERIENCE

ELECTRONIC ENGINEER

JANUARY 2022 - JUNE 2022

EMCALI CCM CALI NIT. 800.219.668-3

- Provided professional services to carry out work for the diagnosis and definition of preventive and corrective predictive actions within the electronic control system, instrumentation, telemetry, and final element of communication control installed in the different operational units of the aqueduct and sewage system of Cali.
- Programmed predictive and preventive maintenance tasks to maintain the correct operation of the electronic control system, instrumentation, telemetry, and communication of the SCADA system through permanent monitoring of the operation of the SCADA system and the contractors in charge of maintenance and data analytics ex.
- Extracted data from the SCADA local servers using MySQL workbench from more than 3000 variables and 31 water pumping stations
- Cleaned the extracted data by removing any missing values or inconsistencies by using Python and implementing regular expressions and xlr.
- Created excel dashboards to help schedule the maintenance and pump stations and the RTLs.
- Improved the traceability of infrastructure improvement activities, by coordinating work between the operational staff team and technical contractors, and improving communication channels between both parties.
- Provided validation of the work carried out in the field by groups of 10 people in repairment and maintenance.

SERVICES PROVIDED

ENERO 2016 - DICIEMBRE 2016

- Fundación Planeta 3 (Popayan-Colombia)
 - Formulation of methodologies and long-term planning to provide logistics to hospitals in Putumayo in contract with government programs to increase awareness of the dangers of heart attack among the younger population.
 - Elaboration of models to diagnose problems and their respective solutions.
 - Development of successfully modeled and optimized projects with the help of internal entities and consultants and reaching various teams.
 - Responsible for the supervision and maintenance of computer equipment and introduction of digital solutions.
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EDUCATION

TECHNOLOGY ON INTERNATIONAL BUSINESS

SEPTEMBER 2020 – NOVEMBER 2022

SENA(INSTITUTO NACIONAL DE APRENDIZAJE)

MBA (MASTERS OF BUSINESS ADMINISTRATION)

SEPTEMBER 2019 – SEPTEMBER 2021

Grenoble École de Management, Berlin, Germany

- Thesis title: Evaluation of types of innovation due to e-commerce diversification practices due to the Covid 19 pandemic and its effect on customer performance in small businesses in Colombia.

ELECTRONIC AND TELECOMUNICATIONS ENGINEER

ENERO 2011— SEPTIEMBRE 2018

Universidad del Cauca, Popayán, Colombia

- Developed an Android App mobile application to monitor the data generated by accelerometers in dancers and proceed to analyze the data using IBM SPSS and SQL databases (IoT) as final project.

COURSES

- The complete fundamentals of Agile Scrum.
- Design and production of printed circuits.
- Development of digital skills for information management.
- Virtual complementary in the application of sensors in the electrical circuits of the industry.
- IBM DATA ANALYST

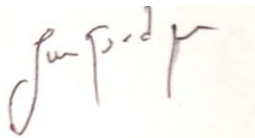
SKILLS

LANGUAGES

Spanish (Native), English (C1), French (B1), German (B1)

TOOLS

Python, C++, Matlab / SIMULINK, Proteus, Multisim, VHDL, C++, Java, SQL, Assembler, Ladder, Excel, TinkerCad, MS Office.

A handwritten signature in dark ink on a light-colored background. The signature is stylized and appears to read 'Juan Bedoya'.

JUAN ESTEBAN BEDOYA RAMIREZ
PASSPORT AO974104