JUAN DAVID RODRIGUEZ ARCINIEGAS

Nationality: Colombian   **Phone number:** (+57) 3105541547

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WORK EXPERIENCE

Software engineer
A&CI GROUP [08/07/2022 – Current]

City: BOGOTÁ
Country: Colombia

App development for smart factories inside mindSphere, using JavaScript and html languages, more precisely using edwe2web environment due to its high scalability and integration with APIs already developed by siemens. Study and design of Cloud computing infrastructure , IIoT, and data bases, integration with Operations insight to study production system and the machine performance with the devices connected to the local company network.

Internship student
Cultivos Bellavista sas [29/01/2021 – 28/07/2021]

City: IBAGUE
Country: Colombia

Internship: System for the acquisition and transmission of data on the flow of water in an open channel for irrigation in rice crops, by means of an ultrasonic sensor.
Innovation IoT proyect to visualize in real time through Mathworks platform (ThingSpeak) mesuraments of water flow (Lts/s) that waters the different rice crops of the company. It was carried out the creation of the prototype with the programing of an Atmega microcontroler and SIM800 module to send data to a ThingSpeak server by means of celular data. Energy supplied by solar system.

Bilingual agent customer service
Teleperformance [19/08/2021 – 20/11/2021]

City: IBAGUE
Country: Colombia

Technical support for calls from Canada and United States. Sensors and electronic devices from Vivint smart home, security company and IoT.

Academic tutor in the mechanical physics laboratory of the university
National University of Colombia [05/08/2018 – 13/03/2020]

City: Medellin
Country: Colombia

Carry out experimental practices. Theoretical and practical accompaniment to the students with metrological emphasis in the mechanical physics laboratory of the university

EDUCATION AND TRAINING

Physical engineer
National University of Colombia [02/02/2015 – 09/12/2021]

Address: Cra. 65 #59a-110, Medellín, Antioquia , (Colombia)
Website: https://unal.edu.co/en.html

B1-B2 English levels
Language Center Network [30/09/2020 – 10/07/2021]

Address: Cra. 66B #34A-76, Medellín, Antioquia , (Colombia)
Website: https://lcnidiomas.edu.co/

Python for everybody Specialization.
Coursera - Michigan University [07/2020 – 09/2020]

Leading people and Teams Specialization.
Coursera - Michigan University [07/2020 – 09/2020]

Introduction to psychology
Coursera - Yale University [06/2020 – 07/2020]

Linux server management and security
Coursera - University of Colorado [03/2020 – 05/2020]

The unix workbench.
Coursera - Jhon Hopkins University [03/2020 – 05/2020]

Bits and bytes of teleinformatic networks
Coursera - Google [04/2020 – 05/2020]

LANGUAGE SKILLS

Mother tongue(s): **Spanish**

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

DIGITAL SKILLS

Arduino / Solid Edge / MPLAB / Python / ThingSpeak-MathWorks / Siemens Mindsphere / Javascript /
HTML/ CSS / Mindsphere Operations Insight