

Julian Leonardo Villalobos Jiménez

COLLEGE STUDENT

EXECUTE SUMMARY

Electronic engineering from the Universidad Nacional de Colombia, Bogotá campus and recently studying double degree in Mechatronic engineering. Knowledge in programming language such as java, c, python, assembler and ROS, ladder and solid simulation. Interested in the development of embedded system, power electronic, robotic, automation with IoT and machine learning. Teamwork is easy for me, I like to take on challenges and innovate projects that help me to strengthen my knowledge and thus facilitate the needs of users.

EXPECTATION

Put on practice my knowledges and skills to contribute to the company, learning in the same way about the different technology tools that strengthen my professional skills

CONTAC INFORMATION

- Birthday: March-24-1998
- Address: Cra 7 N° 15-08, Mosquera-Cundinamarca
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WORK EXPERIENCE

Assistant Student

GROUP GITEI-UNIVERSIDAD NACIONAL, FROM 2019 TO SEPTEMBER DE 2021

- Quality control of websites developed by the company.
- Made the documentation of the generated applications

Electrician

INGESEC | PROMAIN INGENIERÍA LTDA, FROM JUL 2023 TO JAN OF 2024

- I designed the electrical blueprints for the NMR-6, NMR-2, and Fluid Bed machines, and assisted in installing the electrical panel on some of the machines at this company

Developer

SOFTWARE COLOMBIA S.A, DE ABRIL 2022 TO OCTUBRE 2022

I developed the interface for Ares 4.0 in the Angular framework

ACADEMIC HISTORY

Universidad Nacional de Colombia

- ELECTRONIC ENGINEERING
- DOUBLE DEGREE STUDENT IN MECHATRONIC ENGINEERING
- Bogotá, Cundinamarca, 2016 - 2024

Instituto Diversificado Albert Einstein

TECHNICAL BACHELOR

- Mosquera, Cundinamarca 2009-02 - 2014-12
- Final project: Garbage collector robot

COURSES

- Course of best average program of the university with language in English at the Universidad Nacional de Colombia.
- Mathematics course in the free youth mathematics course at the Universidad Nacional de Colombia
- Diplomat in the course Components, Circuits, and systems for industrial Radar applications of at the Universidad Nacional de Colombia in agreement with Ruhr-Universität Bochum, Germany.
- Virtual course on Simulink Onramp management at the Universidad Nacional de Colombia with Mathworks.
- Virtual course in Linux and Bash for Data Engineering at Duke University
- Virtual course in Python, Bash and SQL Essentials for Data Engineering at Duke University

SKILLS

- Knowledge in the programming language of c, java and python.
- Knowledge in hardware programming through cards programming such as arduino and FPGA.
- knowledge in solid simulation from the solidworks IDE.
- knowledge in programming in assembler and c for microcontroller PIC18F4550 with IDE MPLABX .
- Electronic Circuits design from Itspice and multisim.
- Knowledge in Verilog programming from Vivado and ISE.
- Programming knowledge in Matlab and Simulink.