
Hugo Cosme

Calle 19 # 43G-80, Medellin, Colombia

Date of birth 19.12.1997
Place of birth Popayan, Colombia
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Work Experience

04/2022 – 10/2022

Technical Support Engineer at BesCutter, Houston, United States of America

Laser technology machines for metal cutting

- Installation, repairing, training, maintenance and sampling
- Troubleshooting, Hardware Diagnostics, Power Electronics, Mechanical, Electrical, and Plumbing (MEP)

03/2020 – 08/2020

Validation Engineering Intern at Texas Instruments, Freising, Germany

Precision Amplifiers team

- Measurement of parameters in operational and instrumentation amplifiers using bench equipment
- Automation of validation systems
- Soldering and characterization of electronic boards

Education

11/2022 - today

Udemy

- Web Developer Bootcamp with Flask and Python in 2023
- Python Django Complete Course
- Practical Database Guide with RDBMS(MySQL) & NoSQL(MongoDB)

03/2015 – 06/2022

University of Antioquia, Medellin, Colombia

B.Sc. in Electronic Engineering

- Focus: Control Engineering and Automation, Signal Processing and Conditioning, Computer Networks, Web development, Analog and Digital Programming

10/2019 – 03/2020

Technical University of Munich, Germany

B.Sc. in Electrical and Computer Engineering

- Focus: Computational Intelligence

07/2014

Los Andes School, Popayan, Colombia

- High school with emphasis on science and technology

Skills

Programming Languages

HTML, CSS, PHP, SQL
Python, JavaScript
C, C++, LC3 (Assembly)
Ladder, AWL, SCL

Software

LabVIEW, Eagle, Visual Studio
OrCAD PSpice, TINA-TI, Proteus
MS Office, MATLAB / SIMULINK
TIA Portal, Factory IO

Languages

Spanish	Mother tongue
English	Fluent
German	Advanced

Voluntary Activities

06/2016 – 07/2016

Support for the company "Estudio de Suelos Ltda", Popayan, Colombia

- Software development for calculations in the soil mechanics laboratory

Honors and Awards

08/2019 – 09/2020

- **DAAD Scholarship:** KOSPIE Colombia 2019/2020, Germany
Two-month intensive German course at Carl Duisberg Centren in Cologne, one exchange semester at TUM and a six-month internship at a German company

2015-2016-2018

- **Academic Excellence Award, University of Antioquia**
Achieved in three semesters

2014

- **Second best entrance exam, University of Antioquia**

07/2014

- **Best graduate student, Los Andes School**

Private Interests Sports (soccer and basketball)

Hugo A Cosme V.

Medellin 21/02/2023