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# 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

02/2023 – 04/2023

### Web Development Project, Popayan, Colombia

Especial voting web application for residential and horizontal properties

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

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## 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 03/05/2023