



Sebastian Mesa Zafra

Electronic Engineer | Full Stack Web Developer

☎ + 57 312 490 49 76

✉ smesaz08@gmail.com

🌐 LinkedIn profile link

🐙 GitHub profile link

Professional profile

Electronic Engineer with experience in the telecommunications area and Web Development, with knowledge in the field of industrial automation. I am characterized by being a productive, responsible person, motivated by research and teamwork.

Work experience

November 2021 - Currently

Full-Stack Teaching Assistant

HENRY, Latin America

Bootcamp Assistant (TA) for Full-Stack Development students

- Coordinator of a group of students to achieve integration in the study community.
- Orientation to students in the first steps of the BootCamp course.
- Solving exercises and promoting group collaboration (Pair Programming)

September 2020 - March 2021

STEM Professional

Scientific Park of Social Innovation, Bogotá

- Development of projects with social innovation in telecommunications areas
- Design and implementation of a SatNogs satellite earth station, an educational CanSat celestial artifact, research and execution of a Social CubeSat.

Education

September 2021 - January 2022

Full Stack Developer

HENRY, Latin America

- Front End: React, Redux.
- Back End: NodeJS, Express, Testing.
- DB: SQL, Sequelize.

July 2016 - June 2021

Electronic Engineering

El Bosque University, Bogota.

- Emphasis on Telecommunications, Automation Control, Medical Equipment.
- Thesis of Meritorious Degree with Minciencias titled:
"Development of a coaxial probe for the measurement of permittivity in liquid materials".

January 2020 - February 2021

Advance English Program

EF English Live

Skills

Languages

English - Advanced intermediate level B2

- EF Level 13 Advanced

IT tools JavaScript
Matlab - Simulink
Ansys HFSS - CST Suite Studio (Design and Electromagnetic Simulation)
Arduino - Raspberry Pi
Labview - Multismim (National Instruments)
Fusion 360 (CAD)
Packet Tracer (Cisco)
FLuidSim - Ladder (PLC)

Additional Information

Volunteering **TECHO**

Construction of houses for families in conditions of extreme poverty

Seedbeds **IEEE 'Antennas and Propagation Society' Seedbed**

Research group at El Bosque University with a focus on principles of electromagnetism, design and construction of antennas.

OPLANELEC seedbed

Research group at El Bosque University focused on the design of antennas and different means of propagation of electromagnetic waves.

Sport **Athletics**

Marathon runner
Trail running

References

Sergio Zafra Startup Business Development Manager- Amazon Web Services.
+ 57 3103183764

Luis Eduardo Vidal FPA Senior Analyst Lifiif.
+ 57 320854500