



Alejandro Zúñiga
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Alejandro Zúñiga Pérez

Electrical Engineer

About me Electrical Engineering Senior Year student at Universidad de Costa Rica, specialized on Power Systems, Power Electronics, Power Transmission and Control Systems modelling. Programming passionate, with knowledge on Oriented Objects Programming Languages.

Experience

November 2019 - February 2020, Concentrix

Customer Service Representative on technical support to AT&T cable services.

January 2021-February 2021

Electrical Machines I professor assistant. Electrical Machines modelling in Python and Fenics. Used gmsh with C scripts to model induction motors. Responsible for giving virtual lessons in order to reinforce students' knowledge.

Education

2009 - 2014, High School

International Baccalaureate Alumni.

2015 - present, Universidad de Costa Rica

Electrical Engineering, Power Systems emphasis. Advance: 96%. Looking for professional practice.

Skills

Languages

- English (Advanced)
- Spanish (native)

Programming languages

- Python
- C/C++
- Java
- Javascript

Computer software

- | | | |
|-----------|--------------|---------|
| GNU/Linux | Git/SmartGit | HTML |
| Matlab | Fenics | CSS |
| PSS/E | ElmerFEM | AutoCAD |
| Proteus | Django | Verilog |

Electrical Design

- NFPA-70 National Electrical Code.
- Residential Electrical Design

Interests

Currently enrolled on Software Testing and containers (Docker, Kubernetes) courses. Fully interested on Databases and software development.