

Emerson González

Creating efficient and elegant solutions

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Summary

- I am looking for a challenging position where I can apply my programming experience, deepen my knowledge, learn new technologies, and work as a team to create innovative and useful software solutions.

EDUCATION

- **Electrical Engineering** (2009-2014)
University of Carabobo
Electronics and Communications Specialization (10th semester).
- **Professional program of Back-end developer, with Java and Spring** (2022-2023)
Alura Academy-Oracle One.
Personal Development Programs, Beginner in Programming, Business Agility, Object-Oriented Java, Integrate Java Applications with Databases, Entrepreneurship, Java Web, Java and Spring Boot.
- **Python for Everybody Specialization** (2022-2023)
Coursera- University of Michigan
Principles, Data Structures, Web Data, Databases with Python, Capstone.
- **SQL con MySQL Server de Oracle - ONE**
Alura Academy-Oracle- One.
A 7-course program covering basic queries, advanced queries, procedures, up to database security and administration.

SKILLS

- Self-learning ability, Passion for programming, Focus on improvement, Mastery of programming logic. Prior knowledge in Pascal, Assembler, and MATLAB. Current training in Java, Spring Boot, Python, and at a basic level of HTML, CSS, and Javascript. Extensive knowledge of differential and integral calculus, vector functions, linear algebra, applied electromagnetism, Understanding of network concepts, Discipline.

PROJECTS

- **Calculation of RLC Circuits** [Link](#) [GitHub](#)
- **Text Encrypting** [Link](#) [GitHub](#)
- **Hotel Management Software** [Link](#) [GitHub](#)
- **Forum API - RESTful Backend Solution** [Link](#) [GitHub](#)
- **Initial Data Science Project: Prediction of real estate prices** [Link](#) [GitHub](#)

EXPERIENCE

- **Freelancer** **Feb 2023**
Tutor Independent tutor of differential and integral calculus, fundamentals of programming in Python and Java
- **Yun Sun, LTDA** **Sep 2021 – Feb 2023**
Warehouse worker - Responsible for organizing the different company warehouses, maintaining the areas, repairing equipment, receiving merchandise, and preparing shipments.
- **Reparaciones Rafael Lujano** **Jul 2020 – Aug 2021**
Specialized Technician - Inspection, maintenance, repair, and assembly of household appliances in general.
- **Autocerrajería La Gran Colombia, C.A.** **Feb 2018 – Mar 2019**
Locksmith - Maintenance and restoration of all types of locks, residential, industrial, and automotive. Combination changes, key duplication, and cylinder assembly.
- **Instituto Tecnológico La Victoria** **Jan 2016 – Mar 2017**
Experimental Thesis Tutor - "MODELING OF A MICROSTRIP PATCH ANTENNA FOR THE 18 TO 24 GHz BAND" by Miguel Dos Santos, for the degree of Electrical Engineer.
- **Freelance** **Jan 2015 – Dec 2017**
Course Instructor - Instructor of Digital Signal Processing, Antenna Design and Microwaves.
- **Universidad de Carabobo** **Feb 2010 – Jul 2014**
Mathematical Analysis Teaching Assistant - Assisting in the education of new students in the area of differential and integral calculus.