

# Emerson González

Creating efficient and elegant solutions

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## Summary

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- 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

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- **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.  
Program of multiple courses, activities, and projects focused on back-end development with Java and Spring.
- **Python for Everybody Specialization** (2022-2023)  
Coursera- University of Michigan  
Principles, Data Structures, Web Data, Databases with Python, Capstone.

## SKILLS

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- Self-learning ability, Passion for programming, Focus on improvement, Mastery of programming logic, Extensive knowledge of differential and integral calculus, vector functions, linear algebra, applied electromagnetism, Understanding of network concepts, Discipline.

## PROJECTS

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- **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** [GitHub](#)

## EXPERIENCE

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- **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.