

Gabriela Martínez Rodríguez

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(787) 599 - 2569 | San Juan, PR

EDUCATION

Holberton School

Software Engineer - Foundations

San Juan, Puerto Rico

June 2021 - present

- Graduated from a 9-month program focused on the foundations of computer science and software engineering.
- Including low-level programming & algorithms, high-level programming & databases, system engineering & networking
- Relevant projects: AirBnB Clone, Not So Simple Shell, Printf and Search Algorithms

University Ana G. Méndez - Gurabo Campus

Bachelor of Science in Mechanical Engineering

Gurabo, PR

August 2013 – May 2017

- Graduated from an ample curriculum that covers analysis, design, estimation, troubleshooting and maintenance of mechanical systems.

WORK EXPERIENCE

Windmar Home

Permit Coordinator Assistant

Guaynabo, Puerto Rico

May 2020 - October 2020

- Process and file the necessary permits for the operations of Photovoltaic Systems in compliance with PREPA .
- Review plans, diagrams and documentation for each case.
- Assist clients in the process to educate and help them understand the process for acquiring the permits.
- Assist brigade visits and evaluations if necessary.

Aireko Energy Group

Administrative Project Coordinator

Caguas, Puerto Rico

April 2018 - May 2020

- Provide high-level support by conducting research, preparing reports & handling information requests.
- Performing functions such as receiving reports, PO's, CTC's, receiving reports, etc.
- Manage payroll and train or supervise lower level staff.
- Resolved customer complaints to meet their expectations with each project and keep their loyalty.

PROJECTS

AirBnB Clone

A replica of AirBnB built with Python and MySQL on a Nginx server

November 2021

- Built a command interpreter to manipulate data without a visual interface.
- Very similar to a Shell, which helps for development and debugging
- Implemented two options for back-end storage engines: ORM with SQL and File System with JSON
- Completed a website for the front-end, which shows both static and dynamic content
- Integrated an API that provides a communication interface between the front-end and the data from the back-end

Not So Simple Shell

A replica of Shell built in C

August 2021

- Developed a command interpreter that works like Shell, with the use of system calls and zero memory leaks
- Implemented signal handling and two modes of usage: interactive and non-interactive

SKILLS & INTERESTS

- **Languages:** Spanish and English
- **Programming Languages:** C, Python, Ruby, Bash, MySQL, JavaScript
- **Tools:** SolidWorks, Git, nVim, Shell, Vagrant, VirtualBox, Linux, Nginx, VS Code/..
- **Skills:** creativity, communication, problem-solving, autodidactic, public speaking, interpersonal communication, leadership experience, willingness to learn