

# Gabriel D. Lopez Ruiz

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[Github](#) / [Linkedin](#)

## EDUCATION

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### Holberton School

Puerto Rico

Software Engineer – Foundations

September 2021 - July 2022

- 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
- Relevant Projects: AirBnB Clone, Not So Simple Shell, Printf and SIM

## WORK EXPERIENCE

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### Geodesic Energy

Puerto Rico

Jr. Programmer

January 2020 - April 2020

- Reviewed and modified unit and integration tests to improve software quality and reliability
- Coordinated with project managers to meet development timelines and plan testing
- ETL (Extracted, Transform and Load)

### Planet Fitness

Puerto Rico

Assistant Manager

June 2016 - October 2018

- Delegated daily tasks to team members to optimize group productivity
- Collaborated with the store manager to develop strategies for achieving sales and profit goals
- Maintained inventory accuracy by counting stock-on-hand and reconciling discrepancies

## HOLBERTON PROJECTS

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### [SIM](#)

*Sales and Inventory Management*

- Developed an application that lets the user sell products
- Implemented a database for storing products and user using MongoDB
- Notifies the user whenever a product is going out of stock

### [AirBnB Clone](#)

*Built an AirBnB replica using Python & MySQL*

- Built a command line interpreter that manipulates data to expedite development and debugging for my teammates and myself
- Implemented option for back-end storage engine: File System with JSON
- Implementing a website that communicates via API with our back-end to allow users the ability to register, login, and search with filtering places in our database so that a user can find their perfect stay

### [Not So Simple Shell](#)

- Designed and developed a shell with system calls, and zero memory leaks that could accept input from multiple commands
- Implemented signal handling and two modes of usage: interactive and non-interactive

## PERSONAL PROJECTS

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### [Galaxy Shooter \(Mobile Game\)](#)

April 2020

- Created a full playable game for android with Unity, that includes 2D assets, animation, C# Scripts, Sound, UI and full deployment in google play store

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## SKILLS & INTERESTS

**Languages:** Spanish & English

**Programming Languages:** C, C#, Python, Html, CSS, JavaScript.

**Tools:** Git, Unity, VS Code, Kivy, .Net, MySQL, MongoDB, Bash

**Skills:** autodidactic, public speaking, problem solving, interpersonal communication, technical writing, teamwork, leadership, willingness to learn, fast learning