

Guillermo Lorca

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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, and system engineering & networking.

Relevant projects: AirBnB Clone, Not So Simple Shell, Printf, Monty and Search Algorithms

WORK EXPERIENCE

Holberton School
Student Tutor

Santurce, Puerto Rico
August 2021 - present

Helped students to understand key concepts of the curriculum by demonstrating with coding sessions, whiteboarding and guiding them through resource materials and provided assistance to the school campus including, but not limited to, setting up computers, configurations, and coordinating with other student tutors to assist the Lead Instructor with daily operations

T.J.Maxx
Associate

San Juan, Puerto Rico
October 2019 - January 2021

Covered all sales floor positions. But mostly worked as a cashier because of my strong verbal communication skills selling the store credit card.

L3H Works
IT consultant & Accountant

Santander, España
2015 - 2018

Co-Owned a Web Development business. I developed some fundamental coding skills, although my responsibilities focused on project management, contracting, accounting and keeping the hardware running.

PROJECTS

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

October 2021 - February 2022

HolbertonBnB is a complete web application, integrating mysql storage with ORM, a back-end JSON API, and front-end interfacing in a clone of AirBnB. And a console interpreter to work with the classes and that interacts with both, the DB and JSON storages

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, Bash, MySQL, JavaScript, REACT.js
- **Tools:** Git, NVim, Shell, Vagrant, VirtualBox, Linux, Docker, VScode
- **Skills:** autodidactic, problem solving, interpersonal communication, teaching, technical writing, time management.