Guillermo Lorca Lamadrid

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EDUCATION

Holberton School   San Juan, Puerto Rico
Software Engineer - Foundations   *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   Santurce, Puerto Rico
Student Tutor   August 2021 – present

Helped students to understand key concepts of the curriculum by demonstrating coding sessions and whiteboarding. Also helped the campus with extracurricular activities like setting up computers and leading workshops for high school students.

T.J.Maxx   San Juan, Puerto Rico
Associate   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   Santander, España
IT consultant & Accountant   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 a MySql database , a back-end JSON API, and front-end interfacing in a clone of AirBnB. And a console interpreter to work with the API and MySql database.

Not So Simple Shell
A replica of Shell built in C   *August 2021-August2021*

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

DTL - Portfolio Project

A functional social network developed in less than three weeks   *February 2022 - March 2022*

"Down To Learn?" is a social networking web application developed as my final portfolio project in Holberton School. It has two types of users, students and tutors and matches them based on what they want to learn and teach. The app is a proof of concept but it is actually functional, Users can register as either role, match with each other and connect. Built with a backend made with express.js and firebase and a client built with React.js and Axios

SKILLS & INTERESTS

Languages: Spanish and English

Programming Languages: C, Python, Bash, MySQL, JavaScript, REACT.js

Skills: autodidactic, problem solving, interpersonal communication, teaching, technical writing, time management.