

Christian A. Laboy Oyola

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EDUCATION

Holberton School

Software Engineer - Foundations

San Juan, Puerto Rico

October 2021 - soon

- Graduating 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 and Search Algorithms

WORK EXPERIENCE

Avis

Worked in Avis and still do in many branches and positions
July 2018 - current

- washing cars
- attending clients at the desk
- airport branch
- moving cars from station to station

PROJECTS

AirBnB Clone

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

August 2021

- Built a command interpreter to manipulate data without a visual interface, like in 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

March 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
- **Tools:** Git, Vim, Shell, Vagrant, VirtualBox, Linux, Nginx
- **Skills:** public speaking, problem solving, interpersonal communication, technical writing