

Jose J Torres Abad

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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 and Search Algorithms

University of Puerto Rico - Cayey Campus

Bachelor of Natural Sciences

Cayey, PR

August 2018 – May 2021

- Completed all necessary general, math and biology credits.

PROJECTS

printf

A replica of the printf() method in the C programming language

July 2021

- Programmed an exact replica of the printf() function, allowing it to print strings and with all type of format modifiers

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
- 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:** English, Spanish
- **Programming/Scripting Languages:** C, Python, Bash, MySQL, JavaScript
- **Tools:** Git, Linux, VSCode, Nginx, Flask
- **Skills:** Adaptability, Problem-solving, Active listening, Fast learner, Organization