Jose J Torres Abad

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EDUCATION

Holberton School   San Juan, Puerto Rico
Software Engineer - Foundations   July 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   Cayey, PR
Bachelor of Natural Sciences   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   *November* 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