Jhonatan Rivera

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EDUCATION

Holberton School   San Juan, Puerto Rico
Software Engineer - Foundations   September 2021 - July 2022
- Coursing 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
- Accolades: Student Tutor
- Relevant projects: AirBnB Clone, Not So Simple Shell, Printf and SIM

WORK EXPERIENCE

Holberton School, *Software Engineering School*   San Juan, Puerto Rico
Student Tutor   January 2022 - present

- Helped students to understand key concepts of the curriculum by demonstrating with coding sessions, whiteboarding and guiding them through resource materials
- 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
- Developed relationships with students to foster better communication and address individual needs
- Attended weekly meetings with the Education Lead / Software Engineer to report student progress and provide feedback to bridge the gap between staff and students

Arcos Dorados, PR   San Juan, Puerto Rico
Shift Manager   June 2016 - March 2022

- In charge of the store's operations, employees' training and schedules, stock inventory and production levels.

PROJECTS

SIM
Sales and Inventory Management   July 2022
- Developed an application that lets the user sell products
- Implemented a database for storing products and user using MongoDB
- Notifies the user whenever a product is going out of stock

AirBnB Clone
A replica of AirBnB built with Python and MySQL   March 2022
- Built a command line interpreter that manipulates data to expedite development and debugging for my teammates and myself
- Implemented option for back-end storage engine: File System with JSON
- Implementing a website that communicates via API with our back-end to allow users the ability to register, login, and search with filtering places in our database so that a user can find their perfect stay

Not So Simple Shell
A 'simple' UNIX command interpreter   December 2021
- Developed a command line interpreter that works like Shell with a teammate, using system calls and with 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, HTML, CSS, JavaScript, Kivy
- **Tools:** Git, Vim, Bash, MySQL, MongoDB
- **Skills:** autodidactic, public speaking, mathematical aptitude, problem solving, interpersonal communication, teaching, technical writing, teamwork, leadership, willingness to learn, fast learning