

# Jhonatan Rivera

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## EDUCATION

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### Holberton School

San Juan, Puerto Rico

#### *Software Engineer - Foundations*

September 2021 - present

- 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 and Printf

### Interamerican University of Puerto Rico Aguadilla Campus

Aguadilla, PR

#### *Bachelor of Computer Science*

August 2018 – May 2021

- The curriculum was with an emphasis on theories of programming, which has been helpful in understanding terminology and abstract ideas.

## WORK EXPERIENCE

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### 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

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### 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

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- **Languages:** Spanish and English
- **Programming Languages:** C, Python, HTML, CSS
- **Tools:** Git, Vim, Bash, MySQL,
- **Skills:** autodidactic, public speaking, mathematical aptitude, problem solving, interpersonal communication, teaching, technical writing, teamwork, leadership, willingness to learn, fast learning