

# Yahdiel Saldana

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## EDUCATION

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### Holberton School

San Juan, Puerto Rico

*Software Engineer - Foundations*

September 2022 - 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

### Metropolitan University - Cupey

Cupey, PR

*Bachelor Celular Molecular Biology*

January 2012 – 201

- not finish

## WORK EXPERIENCE

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### U.S ARMY

Fort Drum, NY

- Infantry Team leader, organizing, planning, and executing tasks as a team and completing the objective in a timeline
- Managing personnel and making critical decisions in high-pressure environments
- Delegate tasks efficiently with good communication and make sure tasks are completed
- Critical thinking, resourcefulness, and creative problem-solving skills
- Guardian Angel provided security for high-ranking officers in Afghanistan

January 2015 -  
October 2018

### Trade Space

San Juan, Puerto Rico

*day trader & hedgefund manager assistant*

Agust 2020 - Octubre 2021

- Develop trading plans with the team to target daily goals
- Analysis of Data for different markets technology indexes, commodities, and cryptos currencies
- develop and track Risk management strategies

## PROJECTS

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### Airbnb Clone

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

May 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*

December 2020

- 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

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- **Languages:** Spanish and English
- **Programming Languages:** C, Python, Bash, MySQL, JavaScript
- **Tools:** Git, Vim, Shell, Vagrant, VirtualBox, Linux, Nginx
- **Skills:** autodidactic, public speaking, mathematical aptitude, problem-solving, interpersonal communication, teaching