

# Angel J. Carrión

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## Education

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### Holberton School (San Juan, Puerto Rico, September 2022 - July 2023)

*Software Engineer - Foundations*

- Graduated from a 9-months program focused on the foundations of computer science and software engineering including low-level programming & algorithms, high-level programming, object-oriented programming, front-end & databases.
- Relevant projects: AirBnB Clone, Simple Shell, Search and Sorting Algorithms and Data Structures.

## Work Experience

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### Morton's Steakhouse (San Juan, Puerto Rico, November 2019 - present)

- Server: Acted as the primary interface between the restaurant and customers, providing top-tier service, catering to customer needs, and striving to deliver an exceptional dining experience at every opportunity.

## Projects

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### TalkMate

*A language learning AI Assistant built with React, OpenAI API and Firebase.*

- Developed a chatbot to help users learn new languages through conversations.
- It provides users with translation, pronunciation and cultural tips.
- Implemented a feature to save conversations in Firestore database.
- User authentication through Firebase.

### AirBnB Clone

*A replica of AirBnB built with HTML, CSS, JavaScript, Python and MySQL.*

- 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.
- Integrated an API that provides a communication interface between the front-end and the data from the back-end.

### Simple Shell

*A replica of Shell built in C.*

- Developed a command interpreter that works like Shell, with the use of system calls. Implemented signal handlings and two modes of usage: interactive and non-interactive.

## **Skills and Interests**

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- Language: Spanish and English
- Programming Languages: C, Python, Bash, JavaScript, HTML, CSS, MySQL, React
- Tools: Git, Shell, Linux, Vim, VScode
- Skills: autodidactic, public speaking, problem solving, client service, technical writing