

Angel J. Carrión

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Caguas, Puerto Rico | 939-245-2012

Education

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 (Projects)

Portfolio Website

Built with Next.js. (www.angelcarrion.com)

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 backend with Firebase for user authentication and saving conversations using Firestore database.

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

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