

Enyel Feliz Mercado

Software Engineer

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EDUCATION

Holberton School – Santurce, Puerto Rico

Software Engineer – Foundations, Professional Track

June 2022 – November 2023

- Graduated from a 17-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, Simple Shell, and Printf

Computer Repair Technician- Rep.Dominican

Technical course at the autonomous university of Santo Domingo (UASD)

January 2002

EXPERIENCE

Alarmas De Ponce, Ponce, Puerto Rico

October-2021 – Present

Security System Technician:

- repair of security camera and security alarm system

Romanos Macarroni & Grill, Ponce, Puerto Rico

August-2011 – October/2021

Server / Bartender / Trainer:

- prepare large varieties of cocktails and wait on tables and serve food

PROJECTS

Printf Project:

The purpose of this project was replicate of the C language printf function.

October 2022

- Replicate the function applying the variadic functions.
- Developed in C language.

Simple Shell:

A replica of Shell built in C

November 2022

- 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

AirBnB Clone:

July 2023

- Built an AirBnB replica using Python, MySQL, HTML, CSS, JavaScript, and Flask
- Wrote a CRUD command interpreter with two options for back-end storage engines: ORM with SQL or File System with JSON
- Developed Fabric scripts for configuring and deploying a load balancer with multiple application servers enabling new server configuration, automatic versioning, and deployment to ensure zero down-time in the event of a catastrophic failure, and optimized latency during normal operations

SKILLS & INTERESTS

- **Languages:** Spanish (Native Speaker), English (Basic)
- **Programming Languages:** C, Python, Bash, SQL, Markdown, HTML, CSS, JavaScript, Flutter (Dart)
- **Tools:** Git, Vim, Shell, Vagrant, Linux, Visual Studio Code, Android Studio

