

SERGIO CRISTOBAL LOPEZ MURILLO

Software engineer

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PROFESSIONAL SUMMARY

Office manager transitioning to software engineering excellent mathematical and analytical skills. Trained in software engineering fundamentals, including low-level programming, DevOps, and high-level modern languages, excited to find an entry-level position where I can find opportunities to expand my knowledge and work on challenging projects.

SKILLS

- LANGUAGES: Bash, C, Python, MySQL, HTML, CSS, JavaScript
- FRAMEWORKS: jQuery, Node.js, Flask, unit testing,
- OPERATING SYSTEMS: UNIX/Linux, Windows, macOS
- TOOLS: Git, Docker,
- PERSONAL: Professional manner, can handle stress, natural problem solver, teamwork, responsible and efficient, 100% Spanish

UC Berkeley Extension Projects:

Property Mover- Web Application where the user is able to find a place to live within a certain price range, compare any distance and commute time.

- Interactive responsive web application, that accept and response to user input.
- Used jQuery, Ajax to retrieve APIs.

Weather Dashboard- Web Application that retrieves data form another application's API.

- Weather dashboard that will run in the browser and feature dynamically updated HTML and CSS.
- Used jQuery, Ajax to retrieve APIs.

Holberton School Projects:

HBNB- an Airbnb clone

- Implemented a console with a command-line interface to manage and store objects
- All files, classes, functions were tested with unit tests
- Used SQLAlchemy to map Python objects to a MySQL database
- Designed and implemented a RESTful API with Flask for object retrieval

Simple Shell – a simple UNIX command-interpreter

- Used system calls to perform functions such as directory file listing
- Display a prompt and wait for the user to type a command and handle PATH
- Implement the exit built-in, that exits the shell.

Technical Writing

- How variables behave in Python 3
- What is the difference between a hard link and a symbolic link?

EDUCATION

UC Berkeley Extension – Jun 2020 to current, Coding boot camp (Full stack web development)

Holberton School - July 2019 to January 2020

On-site intensive covers software engineering fundamentals, including low-level programming, DevOps, and high-level modern languages.