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, exited to find an entry-level position where I can fiend opportunities to expand my knowledge and work on challenging projects.

SKILLS

- LANGUAGES: Bash, C, Python, MySQL, HTML, CSS, JavaScript
- FRAMEWORKS: Flask, unit testing
- OPERATING SYSTEMS; UNIX/Linux, Windows, macOS
- TOOLS: Git, Docker, Vim, VScode
- PERSONAL: Professional manner, can handle stress, problem-solving, teamwork, responsible and efficient, 100% Spanish

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.
- Used jQuery to make the site interactive and load objects from the client-side using the API.

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

Printf function - cloning "printf" function from C
- Implementing in our function edge cases same as printf
- used macros and functions.

Technical Writing
- What happens when you type holbertonschool.com in your browser and press Enter?
- Hey grandma… this is what you should know about "Machine learning"
- How variables behave in Python 3
- What is the difference between a hard link and a symbolic link?

EDUCATION

Holberton School - July 2019 to January 2020
on-site intensive covers software engineering fundamentals, including low-level programming, DevOps, and high-level modern languages.

Universidad De La Salle Bajio, Sep 2010-July 2011-Specializing in Design of concrete structures

Universidad De La Salle Bajio, Aug. 2004-July 2009-bachelor's degree in civil Engineering