



CAMILO CUBILLOS OSSES

EDUCATION

DEGREE CIVIL ENGINEERING

Specialty in civil construction and transport. Polytechnic University of Madrid (2016)

MSc CIVIL ENGINEERING

Specialty in civil constructions. Polytechnic University of Madrid (2019)

42 MADRID

Jobs of the future. Telefónica Foundation (2020)

SKILLS

- Visual Basic.
 - C & C++
 - CMake.
 - Python.
 - Jenkins.
 - XML
 - POO
 - Docker.
 - Virtual Box & VM Ware.
 - ELK Stack
 - ELK Stack, Grafana y Prometheus
 - Git.
 - Nginx.
 - Postman.
 - CI/CD.
 - MySQL.
 - Linux. Bash, Ubuntu, Debian, Centos, RedHat.
 - Servers LEMP.
 - MS Project.
 - Clean Code
 - Groovy
 - Enterprise Architect
 - Protocolo SOAP
- (Interest and facility to learn all types of software and programming languages)

LANGUAGES

- Spanish: Native.
- English: B2 (B2-C1).

WORK EXPERIENCE

ORBITAL CRITICAL SYSTEMS

(07/2022– Present)

DevOps engineer

Employed by Airbus on the Multi Domain Cloud Combat project.

- Implementation of DevOps tools and methodology.
- Design and implementation of CI/CD pipelines.
- Software deployment in containers.
- C++ development.
- Python development.
- Container monitoring and logging using ELK Stack, Grafana and Prometheus.
- Bash, Linux, Git
- Technical notes.
- Documentation.

GMV

(06/2021 – 07/2022)

Software engineer

Satellite navigation project in Madrid.

- Development in C++ and Python (Real-Time applications).
- Networks.
- SVN.
- Git.
- Jenkins.
- Linux.
- Docker.
- Agile methodologies (scrum).
- Technical notes.
- Documentation.
- CMake.
- Bash.
- Python

AR2V

(09/2019 – 06/2021)

Software and structural engineer

- Application programming for automatic report generation.
- Process automation in the cloud (SharePoint).
- Creation of scripts to handle large amounts of information.
- Creation of application for data collection in the on-site field.
- Data management in the cloud.

- Workflow with Gitflow for versioning applications.
- C++ programming.
- CMake.
- Python.
- Technical notes.
- CMake.
- CI/CD process automation with Jenkins.

ACADEMY 42 PROJECTS

Project: Cub 3D.

Programming of the video game Wolfenstein 3D. Wolfenstein 3D (commonly abbreviated as Wolf3D) is a first-person shooter video game that popularized the genre for the PC.



The project can be reviewed at the following link:

["https://github.com/CaCOsses/42-Academy/tree/main/Cub%203d"](https://github.com/CaCOsses/42-Academy/tree/main/Cub%203d)

Project: Get Next Line.

The goal of this project is to have you code a function that returns a line terminated with the newline symbol, read from an external text file.

This project allows you to get started with a surprising element of C programming: static variables.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/42-Academy/tree/main/get_next_line"](https://github.com/CaCOsses/42-Academy/tree/main/get_next_line)

Project: printf.

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🐙 <https://github.com/CaCOsses>

🚗 B1

The objective of this project is to reprogram printf to do the same as the C function printf. The different flags included in the original function must be used.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/42-Academy/tree/main/printf%20"](https://github.com/CaCOsses/42-Academy/tree/main/printf%20)

Project: ft_server.

This project aims to discover system administration and the importance of using scripts to automate tasks.

We will use "Docker" to install a complete web server, capable of running several services such as Wordpress, Phpmyadmin and a database.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/42-Academy"](https://github.com/CaCOsses/42-Academy)

PERSONAL PROJECTS

Project: The Game of Life.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/Python/tree/main/El%20juego%20de%20la%20vida"](https://github.com/CaCOsses/Python/tree/main/El%20juego%20de%20la%20vida)

Project: AutoMouse.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/Python/tree/main/AutoMouse"](https://github.com/CaCOsses/Python/tree/main/AutoMouse)

Project: Web Scraping.

The project can be reviewed at the following link:

["https://github.com/CaCOsses/Python/tree/main/Web%20Scraping"](https://github.com/CaCOsses/Python/tree/main/Web%20Scraping)

Blog

In my personal blog I publish different tutorials to help the community (when I have time):

["https://myrootdev.com/"](https://myrootdev.com/)