Miguel Guardia

Software Developer

Software developer in constant learning and with a solid passion for technology and programming. I consider myself a proactive person, with great work ethic and good social skills. Currently, I am carrying out my studies at 42 Madrid where I've learnt about system administration and the fundaments of software development with low level languages such as C and C++.

I aspire to develop a professional career in the world of software development. I am very interested in DevOps, Backend development and Blockchain.

Education

2023 - Today
42 Madrid l Fundación Telefónica
Software Development

42 Madrid is a study plan backed by Telefónica that provides the opportunity to learn the basics of system administration and software development.

2022 - 2023
TECH Technological University
Cloud Architect Bootcamp

Introduction to cloud platforms: AWS, AZURE and Google Cloud; Different types of cloud services like IaaS, SaaS, PaaS; Cloud security and legal implications.

2022 - 2023
TECH Technological University
Master Full-Stack Development

Online master that offers the possibility of learning the basics of web development with JavaScript and currently most in-demand technologies such as ReactJS, NodeJS and ExpressJS.

Projects

Minishell
C language | Bash
Recreating a shell in C using bash as a reference.

Born2BeRoot
System Administration | VirtualBox | Debian
Server administration project for creating and configuring a VM to host a web server.

Push Swap
C language l Algorithms | Data Structures
Sorting data on a stack, with limited instructions, using the lowest possible number of moves.

Minitalk
C language l Unix signals
Small data exchange program using UNIX signals.

Philosophers
C language l Multithread | Unix
Resolving the philosophers problem using threads and mutexes.

Contact

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Location
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Technologies

Main Languages
C, C++, Bash, JavaScript

Web
HTML, CSS3, ReactJS, NodeJS, ExpressJS, TailwindCSS, Bootstrap

System Administration
Unix/Linux based systems

Other Tools
Git, GitHub, VirtualBox, UTM, VSCode

Language

English (C1)

Spanish (Native)