

David Espetón Aparicio

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Experience

Oesía, Microcomputer Systems and Networks Technician

Rivas-Vaciamadrid, Madrid

Mar 2023 – Jun 2023

- Perform installation and configuration of hardware and software for users.
- Repair computer equipment and printers.
- Controlling the stock of consumables and managing computer repairs.
- Resolve incidents remotely and on-site, both systems and hardware.
- Manage and administer users in Active Directory.

Projects

VirtualMachine [↗](#)

Virtual Machine

- This project simulates a small virtual machine (VM) containing a series of commands used to create within the VM itself a metaprogram.
- The application will be able to execute a series of commands entered by the user to create, modify and execute programs, where a program is a list of instances of our instructions.
- When the application is started, all the structures of the VM will be started and a prompt will appear where the user will type the different commands to be executed. After the execution of each command, the application will display the current stored program.
- In the case of the RUN command, after the execution of each of the program instructions, the status of the machine will also be displayed. It is possible that the execution of a command may fail. In that case the application will simply display a message indicating that execution was not possible and will ask for a new command. The application will terminate when the QUIT command is executed.

Simon Says [↗](#)

Simon Says

- In this project I implemented the classic game “Simon Says” in three progressive versions. The game generates random sequences of colors that the player must memorize and repeat. In the first version, I implemented an easy mode with 4 colors and sequences of up to 12 elements. Later, I added a difficult mode with 7 colors and longer sequences, incorporating a limited help system. In the final version, I integrated a scoring system that rewards successes and penalizes the use of aids. I also added the functionality to store and display the ranking of the best players by reading and writing files.

Skills

- Java | JavaScript | Python | C++
- HTML | CSS | TailWind | Astro
- SQL | MongoDB
- Spanish-Native | English-C2 | Japanese-A1
- Good communication skills | Adaptability | Resilience | Emotional intelligence

Education

Litterator Institute

Sept 2021 – Jun 2025

- Higher Vocational Training in Multiplatform Application Development.
- Intermediate Vocational Training in Computer Systems and Networks.