

Álvaro Estévez Rodríguez

TELECOMMUNICATIONS ENGINEERING STUDENT

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I am in my last year of **Telecommunications Engineering** at [Universidad Politécnica de Madrid](#). I have a strong interest in telecommunications technology and systems, and I am always looking to expand my knowledge in this area and apply it to real-world challenges.

RELEVANT PROJECTS

BUILDING MY PERSONAL WEBSITE

October 2024

- Designed and developed a **Personal Website** to showcase projects and technical findings.
- Mastered **HTML** and **CSS** to create a responsive and visually layout, ensuring an optimal user experience across devices.
- Implemented **GitHub Actions** for automated deployment, allowing for seamless updates.
- Documented the challenges faced and solutions implemented, reinforcing my problem-solving skills and adaptability in web development.

CAR REVIEW WEBSITE

Feb 2024

- Developed a website where users can post reviews about their cars.
- Programmed both the backend and frontend, integrating a database to efficiently store user reviews.
- Implemented features such as user account creation, post submission, and a car rating system.
- Utilized technologies like **HTML**, **CSS**, **JavaScript**, **Node.js**.

DIGITAL THERMOMETER FOR BASYS 2 FPGA

Dec 2023

- Developed a digital thermometer implemented on a Basys 2 FPGA board.
- Designed a circuit that included a temperature sensor, an amplifier, and an analog-digital converter.
- Programmed the signal processing and temperature reading functionalities using **VHDL**.
- Displayed the converted temperature values on an LCD screen, providing real-time temperature readings.

EDUCATION

BACHELOR IN TELECOMMUNICATIONS TECHNOLOGIES ENGINEERING

Sep 2020 - July 2025

 [Universidad Politécnica de Madrid](#) | Among the top engineering universities of Spain

- Gained proficiency in programming languages including **Java**, **JavaScript**, **HTML**, **CSS**, and **C**.
- Learned about wireless communications technologies and their implementation.

LANGUAGES

Spanish (Native), **English** (Fluent), and **German** (Understanding)

CERTIFICATIONS

Qualcomm **5G** Introductory-Level Certificate

May 2024

- Covered key aspects of **5G** technology and its applications.