

# MATEO DUEÑAS

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## EXPERIENCE

MAY 2025 – JUL 2025

### **EPN RESEARCH MANAGEMENT INTERN, ESCUELA POLITÉCNICA NACIONAL**

Final-year Software Engineering student supporting the Research Directorate through the development and optimization of digital tools, data processing workflows, and academic information systems. Contributing to the improvement of internal research processes and assisting in the analysis and visualization of institutional scientific output.

JAN 2025 – PRESENT

### **CS EPN STUDENT BRANCH CHAPTER CHAIR, IEEE**

Leading the IEEE Computer Society Student Chapter at Escuela Politécnica Nacional by coordinating academic, technical, and outreach activities. Responsible for organizing events, fostering collaboration among students and professionals, and promoting technological innovation and professional development within the computing community.

## EDUCATION

SEPTEMBER 2014 - JULY 2020

### **BACHELOR IN SCIENCE, UNIDAD EDUCATIVA MUNICIPAL SEBASTIÁN DE BENALCAZAR**

Secondary education focused on a comprehensive scientific curriculum, including Mathematics, Physics, Chemistry, Biology, and Social Sciences, aimed at developing analytical and critical thinking skills.

OCTOBER 2020 - PRESENT

### **COMPUTER SCIENCE AND ENGINEERING, ESCUELA POLITÉCNICA NACIONAL**

Expected graduation date: February 2026

## LICENSES AND CERTIFICATES

### **Networking Basics Curse – Cisco**

Issued Mar 2023

### **Transformación Digital – instituto Europeo de Posgrado**

Issued Feb 2023

### **SCRUM FOUNDATION PROFESSIONAL CERTIFICATE SFPCTM – CertiProf® Professional Knowledge**

Issued Dec 2022

### **Membership IEEE Computer Society – 2025 IEEE Computer Society President**

Issued Jan 2025

### **Highest GPA in the mid-program degree evaluation – Escuela Politécnica Nacional**

Issued Feb 2025

## COMPUTING LANGUAGES

**OS:** Linux, Ubuntu, kali, windows

**Languages:** Shell, C++, Python, SQL, NoSQL, Java

**Data analysis:** Python, MATLAB

**Web app:** HTML, CSS, JavaScript, Angular, Bootstrap, react, fastAPI, next.js, node.js

**Code dev:** Git, CI/CD, Docker

**Cloud:** AWS, neon, render, vercel

## OUTREACH/EXTRACURRICULAR ACTIVITES

**APRIL 2023 – AUGUST 2023**

**DIGITAL INCLUSION PROJECT MEMBER**, LUDOLAB – ESCUELA POLITÉCNICA NACIONAL

Contributed to the *Digital Inclusion: Democratization of ICT Access for Priority Attention Groups* project at Escuela Politécnica Nacional. Supported initiatives to reduce the digital divide through community engagement, technology training, and inclusive access strategies aimed at empowering vulnerable populations.

**JUNE 2025 – PRESENT**

**AMBASSADOR**, IEEEXTREME 19.0 – IEEE

Serving as Ambassador for the IEEExtreme 19.0 global programming competition, promoting student participation, coordinating training initiatives, and strengthening engagement across IEEE student branches.

**DIC 2024 – PRESENT**

**CS STUDENT BRANCH CHAPTER CHAIR**, IEEE

Organized virtual classes with international speakers and in-person TECH & TALK sessions, fostering knowledge exchange and networking among students.

Coordinated with IEEE chapters and student branches to strengthen collaboration and broaden impact.

Designed and delivered an introductory Python programming course for high school students, in partnership with chapters from other universities.

Contributed to the preparation and delivery of introductory training for IEEExtreme 19.0, boosting participation and competitiveness in the global challenge.

## LANGUAGES

- **English:** Advanced
- **Spanish:** Native