

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 Course – 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 ACTIVITIES

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, IEEEEXTREME 19.0 – IEEE

Serving as Ambassador for the IEEEExtreme 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 IEEEExtreme 19.0, boosting participation and competitiveness in the global challenge.

LANGUAGES

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