

# MATEO DUEÑAS

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## EXPERIENCE

FEB 2024 – AUG 2024

### DIGITAL INCLUSION PROGRAM INSTRUCTOR & ACADEMIC SUPERVISOR, ESCUELA POLITÉCNICA NACIONAL

Delivered training to rural school teachers on modern digital tools, following a structured curriculum with hands-on activities, final projects, and evaluations to assess learning outcomes. Additionally, supervised a cohort of over 75 educators, reviewing and validating evidence of their participation and completion of assigned activities within the program.

JAN 2025 – JUL 2025

### SOFTWARE ENGINEERING 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

### COMPUTER SOCIETY 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

SEP 2014 - JUL 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.

JUL 2017 – DEC 2018

### SUFFICIENCY B2 & ACADEMIC FOUR COURSE, CEC ESCUELA POLITÉCNICA NACIONAL

Expected graduation date: February 2026

OCT 2020 - PRESENT

### COMPUTER SCIENCE AND ENGINEERING, ESCUELA POLITÉCNICA NACIONAL

Completed the Academic Four level and the English Sufficiency Exam (B1), demonstrating solid proficiency in reading, writing, listening, and speaking.

## 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, Figma

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

## LANGUAGES

**English:** Advanced

**Spanish:** Native

## REFERENCES

**Ing. MARIA MONSERRATE INTRIAGO PAZMINO**, Antigua jefa de la Dirección de investigación

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**Ing. MARCO ALFONSO VINUEZA BUSTAMANTE**, Vicepresidente de IEEE Student Branch

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## OUTREACH/EXTRACURRICULAR ACTIVITES

**JUN 2025 – OCT 2025**

**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.