

# Emiliano Sánchez Moreno

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## SUMMARY

Software Engineering student at Tecnológico de Monterrey with hands-on experience in full-stack web development and native iOS applications. Oracle certified in Java, Cisco certified in networking, and proficient in **Swift**, **SwiftUI**, **React.js** and **Tailwind CSS**. Adept at delivering scalable and responsive solutions using clean code practices and agile methodologies. Passionate about intuitive user experiences, modern app architectures, and collaborative development.

## EDUCATION

**Tecnológico de Monterrey** – B.S. in Computer Software Engineering Aug 2023 - Jun 2027  
**Pontificia Universidad Católica Argentina** – Tecnológico de Monterrey Summer Exchange Program Jul 2024 - Aug 2024

## EXPERIENCE

**Frontend Web Developer Intern**, CESVI MÉXICO – Toluca, México Feb 2025 – May 2025

- Developed a web-based workshop management system using **Laravel (PHP)**, **React.js**, and **Tailwind CSS**, enabling streamlined service operations.
- Implemented **Agile methodologies**, including sprint planning, daily standups, and iterative feedback cycles, improving team velocity.
- Enhanced internal platform **UI/UX** with responsive design, boosting operational efficiency by 30%.

**Software Developer**, Freelance – Toluca, México 2021 – Present

- Built responsive web interfaces with **JavaScript**, **React**, **Tailwind CSS**, and **Framer Motion** for dynamic UI experiences.
- Developed native iOS apps using **SwiftUI**, integrating **Firebase**, **REST APIs**, and **CoreData** for data persistence.
- Created static websites with **HTML** and **CSS** for personal use and client delivery.
- Automated C++ routine management in robotics by scripting conversion tools in **Python**.

**Design & Software Engineer**, WinT-3794 – Metepec, México Jan 2021 - Dec 2022

- Collaborated on autonomous robotics systems using **Java** for regional competitions.
- Designed and assembled mechanical components in **SolidWorks** for sensor-integrated prototypes.
- Developed control logic for motors and actuators to automate robotic movement and tasks.

## PROJECTS

**Personal Portfolio Website (React, JavaScript, Tailwind CSS, Framer Motion)** emisanzmor-portfolio.netlify.app

- Designed and deployed a responsive single-page site to showcase skills and projects.
- Built UI with **React** and styled with **Tailwind CSS**, adding smooth animations and transitions using **Framer Motion**.

**Moodiq iOS App (Swift, SwiftUI, Spotify API)**

- Developed an iOS app that generates mood-based playlists by integrating the Spotify API.
- Designed dynamic interfaces with **SwiftUI** and implemented mood classification logic to map user emotions to music.

## SKILLS

**Technical:** Java | Python | Swift | JavaScript | PHP | C++ | React.js | SwiftUI | Tailwind CSS | Laravel | Git | Firebase | Arduino | SOLIDWORKS | MySQL

**Languages:** Spanish (Native) | English (Full Professional Proficiency)

**Certifications:** Oracle Certified Associate, Java SE Programmer (APSCA) - Oracle Academy, 2024, CCNA: Introduction to Networks — Cisco Networking Academy, 2025