

CAMILO JOSÉ SINNING LOPÉZ

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PROFILE

I am a dedicated Systems Engineering student with an interest in Machine Learning and experience in web and mobile development, particularly in Front-End technologies. My skill set includes HTML, CSS, JavaScript, Unity, Python, and C#, along with an advanced proficiency in the English language. I am known for my organizational, planning, adaptability, and creative skills, which allow me to contribute effectively to diverse projects and achieve positive outcomes.

EDUCATION

Computer Science and Engineering
Politecnico di Milano, Milan, Italy

September 2023 - Present

Computer and systems engineering
Universidad del Norte, Barranquilla

January 2019 - Present

GPA: 4.61/5.0

Relevant coursework: Linear algebra, Object oriented programming, Algorithms and complexity, Data analysis in Engineering 1, Differential equations, Databases, Optimization.

Awards:

- Dean's List First Semester 2022
- Dean's List Second Semester 2021
- Distinguished Student (2019 - Present)

CERTIFICATIONS

Machine learning Specialization
Coursera

July 2022

Deep learning Specialization
Coursera

June 2022

Introduction to web development 2
Google Actívate

July 2020

Mobile app development
Google Actívate

July 2020

Introduction to web development 1
Google Actívate

June 2020

SKILLS

Web development	JavaScript, TypeScript, HTML5, CSS, React, Angular, Tailwind CSS, Express.js
Data analysis	Python, TensorFlow, Scikit-learn, pandas, Seaborn, NumPy
Mobile development	React Native, Flutter, Unity
Desktop development	Java, C#, WPF
Databases	MySQL, SQL Server, MongoDB
Software & Tools	Git, MATLAB, L ^A T _E X, Google Colab, Docker, Figma, Firebase
Other skills	Self-education, Decision-making, Stress management, Adaptability, Discipline

VOLUNTEER EXPERIENCE

Teaching assistant, Optimization (Undergraduate Course)

August 2022 - November 2022

Universidad del Norte

- Solved specific questions to students that reinforced their knowledge.
- Reviewed class topics to strengthen their understanding.

PROJECTS

Educational Program for High School Students to Build Mobile Applications to Promote the Inclusion of People with Disabilities

August 2021 - Ongoing

Developed a mobile application and a website to facilitate English learning for visually impaired individuals. Utilized React Native for the mobile app Front-End and React for the website Front-End.

Strengthening mutual aid in industrial companies through a knowledge and risk reduction information management system impacting communities in the Caribbean Region

January 2023 - April 2023

Created georeferenced features using Angular and the Google Maps API for an information management system designed to improve mutual aid in industrial companies.

Payment Gateway - EDUPAY

August 2022 - November 2022

Developed a website providing an online payment service for a higher education institution, focusing on site architecture and high availability. Used React.js for the Front-End and Express.js for the Back-End.

School dropout model by municipality

February 2022 - June 2022

Using the database MEN ESTADÍSTICAS EN EDUCACIÓN EN PREESCOLAR, BÁSICA Y MEDIA POR MUNICIPIO provided by Datos abiertos, built a predictive model to determine school dropout rates by municipality in Colombia.

DORO APP

February 2022 - June 2022

Developed an instant messaging application with integrated Pomodoro study technique. Responsible for user interface design, user experience, and technical development using Flutter.

LANGUAGES

Spanish: Native

English: Advanced

Italian: Intermediate

REFERENCES

Miguel Angel Jimeno Paba

Eng., M.Sc., Ph.D.

Associated teacher at Universidad del Norte

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