







Software Engineer

Cindy Catalina M. Sarria

 <https://github.com/ccmorenosa>  <https://github.com/ccmorenos>  <https://gitlab.com/ccmorenos>
 <https://ccmorenos.github.io/ccmorenos>  ccatamorenos@gmail.com  cimorenos@unal.edu.co

Work Experience

Data Analyst

November, 2019 - January, 2020
Tecnología y educación embebida S.A.S.

Satellite data analysis to monitor flares.
Python, GeoPandas, ArcGis, Data Analysis, Monitoring

Developer

June, 2020 - October, 2020
UNAL

Desktop application development for thermographies analysis.
C++, WxWidgets, MySQL, OpenCV

Developer

November, 2020 - January, 2021
UNAL

Optimazer development to compute police patrol regions.
Python, Mathematical Models, Optimization Problems

Developer

July, 2021 - October, 2021
UNAL

Web application development for thermographies analysis.
Python, Django, Azure WebApp Service, OpenCV

Data Analyst

July, 2021 - November, 2021
Tensor S.A.S.

Predict maintenance package for fridges monitoring.
Python, Data Analysis, Mathematical Models

Developer - Data Analyst

February, 2022 - September, 2022
UNAL

Driving test scoring automatization with data taking and analysis.
Python, ArcGis, Sensors Managing, Data Analysis

Data Analyst

September, 2022 - December, 2022
Tensor S.A.S.

Deploy predict maintenance package in AWS services.
Python, Data Analysis, Mathematical Models, AWS

Web Developer

March, 2023 - November, 2023
UNAL

Web development to display energetic information of rural areas in Bogotá using map visualization.
JavaScript, Vue.js, Java, Web Development

Web Developer

May, 2023 - August, 2023
Universidad Distrital Francisco José de Caldas.

Web applications development for tutorship and complementary academic services.
JavaScript, Angular, Tailwind, GoLand, Web Development

Academic Formation

Bsc Physics

Universidad Nacional de Colombia
February 2017 - December 2022
GPA: 4.3/5.0

Msc Quantum Technologies and Engineering (QuanTEEM)

Université de Bourgogne
September 2023

Research Experience

Virtual Internship

July, 2021 - January, 2022
Paris-Saclay - UNAL

Simulation for the PLUME detector in LHCb
C++, Root, Geant4, Computational Physics

Internship

April, 2022 - May, 2022
Paris-Saclay - UNAL

LHCb data analysis of charmonium production in b-decays.
C++, Python, Root, Computational Physics

Languages

Spansih (Native)

★★★★★

English (IELTS: 6.5)

★★★★☆

French

★★★☆☆

Software

</> Python

★★★★★

</> C++

★★★★☆

⚙️ Angular

★★★★☆

⚙️ Vue.js

★★★☆☆

📄 Latex

★★★★★