







Software Developer

Cindy Catalina M. Sarria

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Work Experience

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, GoLang, Web Development

Data Analyst

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

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

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

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

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

Developer

July, 2021 - October, 2021
UNAL

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

Developer

November, 2020 - January, 2021
UNAL

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

Developer

June, 2020 - October, 2020
UNAL

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

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

Academic Formation

Msc Quantum Technologies and Engineering (QuanTEEM)

Université de Bourgogne - RPTU Kaiserslautern
September 2023 - Currently

Bsc Physics

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

Research Experience

Internship

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

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

Virtual Internship

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

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

Languages

Spansih (Native)
English (IELTS: 6.5)
French

★★★★★
★★★★☆
★★★☆☆

Software

</> Python ★★★★★
</> C++ ★★★★★
</> Java ★★★★★
⚙️ Angular ★★★★★
⚙️ Vue.js ★★★★★
📄 Latex ★★★★★

