

Fabian Camilo Peña

Colombia



[linkedin.com/in/fabiancpl](https://www.linkedin.com/in/fabiancpl)



fabiancpl91@gmail.com



+573173780011

Summary

I have a master degree in Information Engineering with focus on visual analytics and machine learning. I have implemented data analytics and big data solutions in contexts such as smart cities, transportation, environmental management, tax administration and public health. In addition, I have experience in software development and cloud computing.

Experience



Lead Data Scientist

Analytic Lab

Feb 2019 - Present (1 year 4 months +)

Design and development of a smart cities platform for transportation and environmental management.

Lead a team composed by data scientists and software developers building machine learning models, data visualizations and microservices based on multiple open-source technologies running on Google Cloud Platform.



Course Instructor

EUD - Fundación de Egresados de la Universidad Distrital

Dec 2017 - Present (2 years 6 months +)

Teaching activities for the big data and data analytics course. Development of theoretical and practical sessions with a duration of 80 hours.



Research Assistant

Universidad de Los Andes

Jan 2017 - Dec 2018 (2 years)

Design and development of solutions based on data analytics and big data for the CAOBA Alliance and its partners, principally government companies. Implementation of machine learning models, data transformation and visualization software using open-source technologies.



Software Developer

Green Tech

Apr 2016 - Jun 2017 (1 year 3 months)

Software development and support for electronic payment systems. Design and development of frontend on AngularJs and REST webservices.



Project Lead

Of Business

Nov 2014 - Apr 2016 (1 year 6 months)

Management and implementation of projects of virtualization and information security. Administration of VMware, diagnostic of application and database servers and implementation of domain controller and terminal server hostings.



Intern

IBM

Jul 2014 - Nov 2014 (5 months)

Software development for the National Savings Fund (Fondo Nacional de Ahorro) based on Java Enterprise Edition, REST webservices and Javascript. I was also involved in the development of store procedures in DB2.



Software Developer

One-Click S.A.S

Jun 2012 - Oct 2013 (1 year 5 months)

Requirement analysis and software development based on Java Enterprise Edition, Vaadin, Oracle and IBM WebSphere Application Server.

Education



Universidad Nacional de Colombia

Probability and Basic Inference

2020 - 2020



Universidad de Los Andes

Master's degree, Information Engineering

2017 - 2019



Universidad Distrital Francisco José de Caldas

Bachelor's degree, Systems Engineering

2008 - 2015

Licenses & Certifications



Google Cloud Platform Fundamentals: Core Infrastructure - Coursera

UBES9ZA4J6K6



Google Cloud Platform Big Data and Machine Learning Fundamentals - Coursera

7FCQ3G6JYNY8



Modernizing Data Lakes and Data Warehouses with GCP - Coursera

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Honors & Awards



IEEE Latin America and the Caribbean Discretional Director's Award - IEEE Region 9

Mar 2015



IEEE Computer Society Richard E. Merwin Scholarship - IEEE Computer Society

Apr 2013

Skills

Data Science • Machine Learning • Software Development • Programming • Project Management • Project Planning • Entrepreneurship • Research • Data Analysis • Data Mining