

HEBER BERMUDEZ

Statistician — Data scientist

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PROFESSIONAL PROFILE

Statistician with expertise in predictive modeling, database management, MLOps, and software development. My ability to apply statistical methods and theories enables me to tackle complex problems and find effective, data-driven solutions in diverse fields such as health, engineering, and software development.

EDUCATION

National University of Colombia. <i>Bachelor in Statistics.</i>	2015- 2021 <i>Medellín, Colombia</i>
National Training Service. <i>Technologist in industrial production management.</i>	2013-2014 <i>Ibagué, Colombia</i>
National Training Service. <i>Software developer technician.</i>	2010-2011 <i>Ibagué, Colombia</i>

EXPERIENCE

Data scientist. <i>National Training Service, Health Service Center</i>	Oct 2022 - present <i>Medellín, Colombia.</i>
<ul style="list-style-type: none">• Developed predictive machine learning models using Python, R, and SAS, and SQL on medical data.• Planned and executed training events focused on the application of artificial intelligence in the medical field.	
Intern, Data analyst. <i>Antioquia University, Infection and Cancer Research Group.</i>	Dec 2020 - Jul 2021 <i>Medellín, Colombia.</i>
<ul style="list-style-type: none">• Conducted statistical analysis for epidemiological research projects using R, and Python.• Collaborated on research projects comparing tests for HPV detection.	
Teaching assistant. <i>National University of Colombia, GIE-Research incubator.</i>	Jan 2019 - Dec 2021 <i>Medellín, Colombia.</i>
<ul style="list-style-type: none">• Founded and managed a research incubator where lead a group of 20 people. The group was attached to the school of statistics as a pedagogical strategy.• Trained in applied statistics, data science, machine learning, and AI, proficient in developing and implementing cutting-edge solutions.• Organized academic materials for contest, congress, and colloquium participation. For further information, see: https://unalyticsteam.github.io/unalytics/	

OTHER ACTIVITIES

Exchange student.

Jul 2021 - Oct 2021

International cultural exchange.

SD, United States.

- Participated in a cultural exchange program, improving English language skills, developing cross-cultural communication abilities and expanding global perspective.

ACADEMIC ACTIVITIES

XIII National statistics colloquium

2021

Attendant, National University of Colombia.

XII National statistics colloquium

2019

Speaker, Web application, Machine Learning for text analysis.

National University of Colombia.

XXIX International statistical symposium

2019

Speaker, Text mining to study some terminologies

about data science in Colombia, Northern University.

CERTIFICATIONS

Artificial Intelligence for medicine.

2022

Coursera, Deeplearning.ai

SQL for Data science.

2021

Coursera, DAVIS University.

Structuring Machine Learning Projects.

2020

Coursera, Deeplearning.ai

Neural Networks and Deep Learning.

2020

Coursera, Deeplearning.ai

Introduction to data science.

2020

Coursera, Autonomous University of Mexico.

TECHNICAL STRENGTHS

Programming

R, Python, SAS, Java.

Databases

SQL(SQLServer, MySQL, PostgreSQL). NoSQL(MongoDB)

Version control tools

Git, GitHub.

Data Visualization, BI

PowerBI, Tableau.

ML and AI libraries

Pandas, Scikit-learn, Tidyverse, Tensorflow, PyTorch.

Typesetting Document

Latex.

Cloud Computing

AWS.

LANGUAGES

English

Advanced.

Spanish

Native.