

HEBER BERMUDEZ

Statistician — Data scientist — MLOps

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PROFESSIONAL PROFILE

Experienced Statistician with a passion for applied statistics in data science and artificial intelligence. Proficient in the development and implementation of predictive models, database management, and software development. Strong IT and analytical skills, along with excellent interpersonal and communication abilities. Skilled in applying statistical theories and methods to solve practical problems in various industries, including healthcare, engineering, environment, and software development.

EDUCATION

National University of Colombia.
Bachelor in Statistics.

Aug 2015- Dec 2021, Medellín, Colombia.

National Training Service.
Technologist in industrial production management.

2013-2014, Ibagué, Colombia.

National Training Service.
Software developer technician.

2010-2011, Ibagué, Colombia.

EXPERIENCE

Health Service Center, SENA

Oct 2022 - present

- Implemented innovative technological solutions utilizing artificial intelligence for medical data analysis and interpretation.
- Planned and executed events focused on the application of artificial intelligence in the field of healthcare.

Infection and Cancer Research Group.

Dec 2020 - Jul 2021

Intern, Epidemiological data analyst, Antioquia University.

Medellín, Colombia.

- Conducted statistical analyses for epidemiological and biomedical research projects, providing support for data interpretation and study findings.
- Collaborated on research projects, contributing to the creation of detailed reports summarizing findings.

OTHER ACTIVITIES

International cultural exchange.

Jul 2021 - Oct 2021

Exchange student

SD, United States.

- Participated in a cultural exchange program as a student, where I had the opportunity to improve my English language skills and gain a better understanding of American culture. This valuable experience helped me to develop cross-cultural communication abilities and expand my global perspective.

PUBLICATIONS

Journals papers in review.

- Comparison of the clinical performance of the lower-cost (Hybribio–H13) and HC2 HPV tests for detection of CIN2+ and CIN3+. Maria Cecilia Agudelo, Samuel Agudelo, Gloria Inés Sánchez, et al. Cancer Investigation journal, March 2022, acknowledgment **Esteban Bermudez**

Conference notes.

- Text mining to study some terminologies about data science in Colombia.
Heber Esteban Bermudez, Karen Andrea Amaya , Yubar Marín, René Palomino.
<https://acortar.link/Hdgr3S>

AWARDS AND RECOGNITIONS

Student Representative. 2019

Student representative of the Conflict Resolution and Disciplinary Aspects Committee of the Faculty of Sciences of the National University of Colombia, democratically elected by vote.

Best degree project. 2011

Technical School, Best degree project related to software development.

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.

Dataton BC 2019
Data science and artificial intelligence challenge, Bancolombia bank.
Modeling of credit risk from the digital trace, top 20% Kaggle Challenge.

Dataton BC 2018
Data science and artificial intelligence challenge, Bancolombia bank.
Text mining to identify expenses by categories.

CERTIFICATIONS, MOOCS

Artificial Intelligence for medicine. 2022
Coursera, Deeplearning.ai

AWS S3 Basics. 2022
Coursera

SQL for Data science. 2021
Coursera, DAVIS University

Structuring Machine Learning Projects. 2020
Coursera, Deeplearning.ai

Neural Networks and Deep Learning. <i>Coursera, Deeplearning.ai</i>	2020
Tableau Public for Project Management. <i>Coursera</i>	2020
Introduction to data science. <i>Coursera, Autonomous University of Mexico</i>	2020

TECHNICAL STRENGTHS

Programming	R, Python, Java.
Databases	SQL.
Version control tools	Git, GitHub.
Data Visualization, BI	Power BI, Tableau.
Machine Learning and AI libraries	Pandas, Scikit-learn, Tidyverse, Tensorflow.
Typesetting Document	Latex.

LANGUAGES

English	Advanced.
Spanish	Native.