

Alejandro Calle-Saldarriaga

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EDUCATION

UNIVERSITY OF WISCONSIN-MADISON

PHD. IN STATISTICS (FUNDED)

Expected May 2027 | Madison, WI
Cum. GPA: 3.79/4.0

UNIVERSIDAD EAFIT

MSC IN APPLIED MATH (FUNDED)

Graduated November 2020 | Medellin, Colombia
Cum. GPA: 4.8 / 5.0
Funded By Universidad EAFIT

BSC. IN ENGINEERING MATHEMATICS

Graduated November 2018 | Medellin, Colombia
Cum. GPA: 4.5 / 5.0

PI SCHOOL

SCHOLAR AT THE SCHOOL OF AI (FUNDED)

Received two months full scholarship
| Worked on machine learning techniques applied to voice signals

LINKS

Github:// [acallesalda](#)
LinkedIn://
[alejandro-calle-saldarriaga-188613149/](#)

SKILLS

PROGRAMMING

Languages

Python • R • Julia • Matlab • C++

Libraries

PyTorch • GPyTorch

Software

UNIX • \LaTeX

STATS AND ML

Uncertainty quantification • Gaussian Processes • Deep Learning • Spatial Statistics • Inverse Problems

EXPERIENCE

UW MADISON RESEARCH ASSISTANT + TEACHING ASSISTANT

August 2022 - Current | Madison, WI

- TA for Stat 301 (Introduction to Statistics), Stat 371 (Introduction to Statistics for Life Sciences), Stat 312 (Introduction to Theory and Methods of Mathematical Statistics II), Stat 461 (Financial statistics)
- RA in Katzfuss group <https://sites.google.com/view/katzfuss/group> (Autoregressive GPs (<https://arxiv.org/pdf/2509.22474>), climate data applications)
- One of the two PhD. students selected to participate in this (<https://www.imsi.institute/activities/digital-twins>) long program at IMSI.

SOMOS INTERNET DATA SCIENTIST

Feb 2022 - Aug 2022

- Data scientist for the network development team, worked on metrics for network monitoring.
- yCombinator W21

HARVARD BUSINESS SCHOOL RESEARCH ASSISTANT

Nov 2020 - Nov 2021

- Research Assistant for Jorge Tamayo (<https://www.jorge-tamayo.com>).

UNIVERSIDAD EAFIT LECTURER + TEACHING ASSISTANT + RESEARCH ASSISTANT

August 2017 - November 2022

- Lecturer for two undergrad courses (Intro stats) and one master course (Functional Data Analysis)
- TA for Formal Languages and Automatas, Statistics. Also worked on this related project <https://core.ac.uk/download/pdf/84841950.pdf>
- Research assistant for Prof. Henry Laniado and Prof. Francisco Zuluaga (Functional Data Analysis)
- Research intern in GRIMMAT (Mathematical Modelling Research Group) under Prof. Olga Lucia Quintero (Machine Learning)
- Research Assistant in GRID (Design Engineering Research Group)

WORLD BANK

DATA SCIENTIST CONSULTANT

November 2020 - June 2021

- Machine learning/remote sensing techniques to estimate demographic variables.

GRUPO KONECTA

DATA SCIENTIST

February 2020-November 2020

- One of the biggest BPO companies in the spanish speaking world.
- Improvement of existent models
- Involvement in all steps of the software development cycle to push the models into production.