

ALEJANDRA RINCON

D A T A S C I E N T I S T

CONTACT INFO



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[arinconh](#)



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Berlin, Germany

COMPUTER SKILLS

- Python
- SQL
- Machine Learning (Pytorch, TensorFlow, Keras, sklearn)
- Airflow
- PyMC3
- Latex

LANGUAGES

Spanish

English

German

Italian

EDUCATION

Ph.D in Mathematics (summa cum laude) **2014 - 2019**

Freie Universität Berlin

📍 Berlin, Germany

M.Sc in Mathematics **2011 - 2014**

Bonn Universität

📍 Bonn, Germany

B.Sc in Mathematics (with honors) **2005 - 2010**

Universidad Nacional de Colombia

📍 Bogotá, Colombia

WORK EXPERIENCE

Data Scientist

2023-

[NETCHECK](#)

- Researched and developed statistical and machine learning models to analyze SARS-CoV-2, utilizing crowdsourced data from 1% of the German population
- Participated in meetings and conferences to gain insights into disease modeling and understand business requirements.

Postdoctoral Researcher

2019-2022

[International Center for Theoretical Physics](#)

- Authored scientific papers in algebraic geometry for publishing in peer-reviewed journals.
- Collaborated with researchers worldwide to gain a deeper understanding of topics and to find and solve further open and complex questions.
- Pursued independent research interests.
- Gave research talks to communicate my current research and its impact effectively.
- Attended and organized research seminars and conferences to learn and discuss recent publications.

Teaching Assistant

2014-2022

[Freie Universität Berlin](#)

[International Center for Theoretical Physics](#)

- Supported students learning postgraduate maths subjects through personalized and small group assistance.
- Motivated students to be actively engaged throughout the learning process, helped them find pleasure in understating the subject, to create a more diverse, engaged and active math community.