

# EVELYN CORONEL

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## Experience

### Jampp | Machine Learning Engineer

Remote | July 2022 - Present

Using machine learning for real time bidding advertising. I work on deploying and maintaining models in production as well as monitoring them.

I work using the following tools on daily basis: AWS Sagemaker, SQL, Docker images and containers, Python, and Airflow.

### DESY | Doctoral Student

Hamburg, Germany | September 2021 - March 2022

I learned about the state-of-the-art Deep Graphs Convolutional Neural Networks papers in physics and explored and experimented with repositories on the topic using PyTorch Geometrical. Advisor: Prof. Dr Judith Katzy

### Cortical.com, Inc. | Machine Learning Consultant

Remote | December 2020 - July 2021

Focus on Reinforcement Learning & Bayesian Learning. I developed algorithms and helped to debug existing codes with C++ and CUDA.

### The Pierre Auger Observatory | Student Intern

Bariloche, Argentina | August 2019 - February 2021

During my Bachelor's and Master's degrees, I performed data analysis on measurements of ultra high energy cosmic rays, finding anomalies in a large dataset suggesting a possible dipole in an interesting energy range, using ROOT, C++ and Python. Advisor: Prof. Dr Silvia Mollerach

### Cortical.com, Inc. | Remote Internship

Remote | April 2020 - June 2020

I learned to approach different problems with a more pragmatic point of view, beyond the mathematical models with unsupervised and reinforcement learning techniques using C++.

## Education

### Instituto Balseiro | Master's degree in Physics

Bariloche, Argentina | Graduated on February 2021

Dissertation: *Analysis of the Arrival directions of Ultra-High Energy cosmic rays detected by The Pierre Auger Observatory*. Scholarship from the Argentinean Atomic Commission.