Kevin Speyer - Data Scientist

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PROFESSIONAL EXPERIENCE

Sr. Data Scientist (Lead Engineer) at **Jampp** 9/2020 - Present

- In charge of the module that controls the offering price of the real-time bidder, increasing the spend from 92% to 98% of the budget.
- Implemented a second order descend mechanism to find an optimal bidding range, reducing manual intervention by 40%.
- Developed a nonparametric A/B testing platform to correctly assess the outcome of experiments for non-gaussian data.
- Constructed a dashboard to meassure the key spend metrics and monitor efficency of services with Airflow and Superset.
- Supervised the implementation of a Machine Learning model to target devices looking at their historical behavior.

Data Scientist at **Cybertec Schönig & Schönig GmbH** 1/2019 - 8/2020

- Designed and implemented a high performance algorithm to optimize the use of resources in the meat industry.
- Developed a revenue management web app for the airline industry using a feedback control loop algorithm and clustering.

Database Admin. at **Cybertec Schönig & Schönig GmbH** 9/2018 - 1/2019

- Provided consulting services to enhance performance and monitor DB health at Rappi

Teaching Assistant at **University of Buenos Aires** 3/2012 - 9/2018 Physics Department, Faculty of Exacact and Natural Sciences

EDUCATION

PhD in Computational Physics 2014 - 2019
University of Buenos Aires, CNEA-CONICET
Title: "Simulations of liquid flow confined by semiflexible polymer brushes"
Supervisor: Dr. Claudio Pastorino
Published 3 scientific articles in top journals in the field

IT SKILLS

Languages & Software: Python (numpy, scipy, pandas, matplotlib, scikit-learn, Keras, TensorFlow, Cython, Selenium), SQL, Vue.js

Infrastructure & Environment: Linux, git, AWS, Azure, Docker, Jenkins, Flask

LANGUAGES

Spanish, English, German, Portuguese

INTERESTS

- Mathematical Modeling and High Performance Computing
- Statistical Analysis of Big Data and Machine Learning
  (see personal projects in www.github.com/kevo-speyer/)
- Process Automation with single-board microcontrollers