

Kevin Speyer - Data Scientist

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PROFESSIONAL EXPERIENCE	<i>Sr. Data Scientist (Lead Engineer) at Jampp</i> 9/2020 - Present
	<ul style="list-style-type: none">• 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 using control theory.• 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 measure the key spend metrics and monitor efficiency of services with Airflow and Superset.• Implemented a Machine Learning model to target devices looking at their historical behavior (LTV).
	<i>Data Scientist at Cybertec Schönig & Schönig GmbH</i> 1/2019 - 8/2020
	<ul style="list-style-type: none">• Designed and implemented a high performance algorithm to optimize the use of resources in the meat industry.• Researched a cost-effective way to reduce the amount of backup disks in warehouse, implementing ML models.• Trained NLP GPT-2 model fine tuning to texts scrapped from the web using Selenium and BeautifulSoup.• Implemented a Reinforcement Learning (Q-learning) algorithm to optimize a logistics problem.
	<i>Database Admin. at Cybertec Schönig & Schönig GmbH</i> 9/2018 - 1/2019
	<ul style="list-style-type: none">• Provided consulting services to enhance performance and monitor DDBB health at Rappi
EDUCATION	<i>PhD in Computational Physics</i> 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	<i>Languages & Software:</i> Python (numpy, scipy, pandas, matplotlib, scikit-learn, Keras, TensorFlow, Cython, Selenium), SQL, Vue.js <i>Infrastructure & Environment:</i> Linux, git, AWS, Azure, Docker, Jenkins, Flask
LANGUAGES	Spanish, English, German, Portuguese
INTERESTS	<ul style="list-style-type: none">• 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