

# Kevin Speyer

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11<sup>th</sup> May 1987

Argentinian / German

Gutenberg 240, Buenos Aires, Argentina

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<b>PROFESSIONAL EXPERIENCE</b>	<i>Data Scientist</i>	1/2019 - Present
	Cybertec Schönig & Schönig GmbH (Remote)	
	<ul style="list-style-type: none"><li>Designed and implemented a high performance algorithm to optimize the use of resources in the meat industry.</li><li>Researched a cost-effective way to reduce the amount of backup disks in warehouse, implementing ML models.</li><li>Managed a project to build a BI dashboard engine in PostgreSQL for a customer.</li></ul>	
	<i>Database Administrator</i>	9/2018 - 1/2019
	Employed by Cybertec Schönig & Schönig GmbH, performing PostgreSQL consulting for Rappi (Remote)	
	<ul style="list-style-type: none"><li>Conducted an integral diagnose of the main problems in core Databases regarding health and performance issues.</li><li>Developed a series scripts to automatically clean up and maintain the principal Databases, reducing dead-space from over 90% to less than 10%.</li><li>Created various Dashboards to monitor the most important health and performance metrics of the Databases.</li></ul>	
	<i>Teaching Assistant</i>	3/2012 - 9/2018
	Physics Department, Faculty of Exact and Natural Sciences, University of Buenos Aires.	
<b>EDUCATION</b>	<i>PhD in Computational Physics</i>	2014 - 2019
	University of Buenos Aires, CNEA-CONICET Title: "Simulations of liquid flow confined by semiflexible polymer brushes" PhD Supervisor: Dr. Claudio Pastorino Published 3 scientific articles in top journals in the field	
	<i>Diploma in Physics (M.S. equivalent)</i>	2006 - 2014
	Average: 9.26 / 10 Faculty of Exact and Natural Sciences, University of Buenos Aires	
<b>IT SKILLS</b>	<i>Languages &amp; Software:</i> Python (numpy, scipy, matplotlib, scikit-learn, pandas, Keras, TensorFlow, PyTorch, Selenium), SQL, Fortran, Matlab, C++	
	<i>Infrastructure &amp; Environment:</i> Linux (RHLE, Ubuntu), git, AWS (EC2, RDS, Lambda, S3)	
<b>LANGUAGES</b>	Spanish, English, German, Portuguese	
<b>INTERESTS</b>	<ul style="list-style-type: none"><li>Mathematical Modeling and High Performance Computing</li></ul>	

- Statistical Analysis of Big Data and Machine Learning  
(see personal projects in [www.github.com/kevo-speyer/](http://www.github.com/kevo-speyer/))
- Process Automation with single-board microcontrollers

**SCHOLARSHIPS** *Research Project*

5/2018 - 7/2018

German Academic Service Exchange (DAAD), University of Göttingen, Germany

*PhD Studies*

4/2014 - 3/2019

National Scientific and Technical Research Council (CONICET)

*Workshops*

10/2016 & 3/2016

International Centre for Theoretical Physics (ICTP) to participate in High-Performance Computing Workshops in Trieste, Italy