JOAQUÍN CARDONA RUIZ

Software Engineer

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Amsterdam, Willing to relocate

EDUCATION

National University of Technology, Rosario, Argentina　　　　　*Mar 2016 - Apr 2021*
Information Systems Engineering
- Focus on Artificial Intelligence, Data Mining, Statistics
- 100% score on final project

Education First, Oxford, UK　　　　　*Jan 2015 - Jul 2015*
Academic semester for language education
- Volunteered as assistant in classical music performances at SJE Arts, Oxford

EXPERIENCE

Abcam　　　　　*Sep 2021 - now*
Associate Data Engineer

- **Working on productizing data pipelines** compiling multiple data sources to a unified data warehouse, and collaborating with data science in the creation and production of models to extract valuable information.

Independent Project　　　　　*Mar 2020 - Apr 2021*
Full-stack developer

- **Fully conceived and developed web project** to handle recycling processes at a municipal level, as well as an application for users to be rewarded for recycling, which are in the process of being donated for implementation to the municipal government of Rosario, Argentina.

National University of Technology, Rosario, Argentina　　　　　*Mar 2018 - Mar 2021*
Student Researcher

- **Implemented a Deep Neural Network model for natural language classification** that achieved 80% accuracy in a real-world environment. Published the results and presented them at the CoNaIISI 2018 conference, in Mar del Plata, Argentina.

- **Reduced the previously mentioned model's training time by 93%** with a decrease in accuracy of only 3% by performing detailed analysis into optimal training algorithms and data structuring.

- **Applied knowledge of Natural Language Processing and statistical analysis into interdisciplinary research project**, collaborating with social sciences experts to analyse political debates, producing results which were published and presented at the XV Conference of Socio-Cultural Anthropology, in Rosario, Argentina.

SKILLS

Programming	Python, C#/.NET , RESTful APIs, Java, JavaScript, SQL, MongoDB
Libraries	NLTK, TensorFlow, Keras, NumPy/SciPy, PyPlot, Flask, Django, Jupyter
Tools	Rapid Miner, SPSS, GitHub, AWS,, Trello, GNU/Linux, Agile Development

LANGUAGES

English　　　　　**C2 - Bilingual Proficiency**
Cambridge C2 Proficiency: Certificate of Proficiency in English (**CPE**)　　　　　*July 2015*
Academic Semester at Oxford, United Kingdom　　　　　*January 2015 – July 2015*

French　　　　　**B2 - Intermediate**
At Alliance française, Rosario, Argentina - Level 13　　　　　*March 2016 - Present*

Spanish　　　　　**Native**
Native speaker from Argentina