Saúl Vargas

Nationality: Spanish   *Place of residence:* Tallinn (Estonia)

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🌓 Experience

Infogrid (IoT smart buildings startup)
Senior Data Scientist

January 2021 – Present
Tallinn, Estonia

> Deployment of machine learning models into production with MLFlow, TensorFlow serving and Terraform.
> Healthy buildings: providing sensor-based recommendations to improve the comfort and safety of office spaces.

Bolt (ride hailing)
Senior Data Scientist

August 2020 – January 2021
Tallinn, Estonia

> Lead a project to estimate the impact of driver quality on order conversion and client churn.
> Worked on a time-critical OCR project for driver and car document compliance.

ASOS.com (online fashion retailer)
Senior Machine Learning Scientist

March 2017 – December 2019
London, UK

> Increased sales by developing personalised product ranking and recommendation algorithms.
> Improved productivity by adopting modern tools and libraries (Python, TensorFlow, MLOps) and setting up an cross-functional team made up of scientists and engineers.
> Others: defined the team roadmap, mentored and managed junior colleagues, promoted our work in external events.

Mendeley/Elsevier (world's largest scientific publisher)
Senior Data Scientist

November 2015 – February 2017
London, UK

> Ongoing optimisation of Mendeley's systems for research article management and exploration.
> Developed the first iteration of the current ScienceDirect's "related articles" functionality.

University of Glasgow
Research Assistant

January 2015 – November 2015
Glasgow, UK

> Postdoctoral position at the Information Retrieval research group, funded by the European Union.
> Research on social media analysis, sentiment detection and community tracking.

🎓 Education

UAM - Autonomous University of Madrid
PhD Computer Science

2012 – 2015
Madrid, Spain

> Dissertation: Novelty and Diversity Evaluation and Enhancement in Recommender Systems.
> Highly cited, peer-reviewed publications in top conferences such as SIGIR, RecSys & WSDM (see full list here).
> Developed RankSys, a Java 8 Recommender Systems framework used in research labs around the globe.
> Research internships in University of Glasgow, Telefonica & Yahoo! Labs.

UAM - Autonomous University of Madrid
MSc Computer Science

2010 – 2012
Madrid, Spain

UAM - Autonomous University of Madrid
BSc Computer Science & BSc Mathematics

2005 – 2010
Madrid, Spain

⚙ Skills

Expertise Information Retrieval, Recommender Systems, Machine Learning, Software Engineering
Programming languages Python, Java, Scala, C
Tools & Technologies Spark, TensorFlow, Keras, MLFlow, fastAPI, Azure, AWS, Terraform
Languages English, Spanish, German, Russian