

Saúl Vargas

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Experience

ASOS.com

Senior Machine Learning Scientist

March 2017 – December 2019

London, UK

- › Lead a team of engineers and scientists developing systems for fashion discovery and ranking
- › Introduced state-of-the-art tools and algorithms that have increased productivity and revenue
- › Designed the team roadmap, mentored junior colleagues, promoted our work in external events

Mendeley/Elsevier

Senior Data Scientist

November 2015 – February 2017

London, UK

- › Ongoing optimisation of Mendeley's systems for research article recommendations
- › Developed prototypes for ScienceDirect's "related articles" functionality

University of Glasgow

Research Assistant

January 2015 – November 2015

Glasgow, UK

- › EU-funded postdoctoral position at the Information Retrieval group
- › 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](#)
- › Publications in SIGIR, RecSys & WSDM
- › 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

Selected Publications and Projects

Product characterisation towards personalisation

Cardoso, Daolio & Vargas, KDD'18

2018

Term-by-Term Query Auto-Completion for Mobile Search

Vargas, Blanco & Mika, WSDM'16

2016

Explicit relevance models in intent-oriented information retrieval diversification

Vargas, Castells & Vallet, SIGIR'12

2012

Rank and relevance in novelty and diversity metrics for recommender systems

Vargas & Castells, RecSys'11

2011

RankSys

Java 8 Recommender Systems framework for novelty, diversity and much more

2010 – 2015

Skills

Programming languages Python, Java, Scala, C

Technologies Spark, Tensorflow, Azure

Languages English, Spanish, German, Russian