Javier Guzmán

ML Engineer • Data Scientist

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ABOUT

AI enthusiast, currently focused in applying Machine Learning and Deep Learning at scale, by using Big Data. During my first experiences in technology, I acquired Full Stack skills and learned about architecture design and agile methodologies. Also, I am interested in the crypto world.

SKILLS

ML & Data Science

Python & R

Machine Learning

Apache Spark

RDBMS/NoSQL

Big Data

Full Stack

NodeJS & React

Spring & AngularJS

Web development

Microservices

DevOps

💼 EXPERIENCE

R&D Software Engineer
October 2016 − Present
Gradiant, Vigo

As part of the eLearning team, researched and developed solutions to ease the transition of educational publishers into the digital world by creating a value proposition based on a layer of **analytics**. In order to reach this goal, researched to find out the best pedagogical and analytical tools, insights (metrics, alerts, recommendations…) and **models** that may be useful to instructors and students. Worked with technologies such as Python, R, Spark, Scala, RabbitMQ, Zeppelin, Docker, Jenkins, MySQL, MongoDB, Node, React…

As a **Machine Learning Engineer**, helped to find the best techniques and models to solve the emerging challenges. Also, gave support to design and build the required architectures to deploy the chosen solutions. Some of the implemented features are based on recommendation systems, clustering techniques, pattern mining, HMMs, RNNs…

Co-founder, Architect & FS Developer
March 2015 - May 2017
Gradox, Santiago de Compostela

Co-foundated, designed and developed a collaborative platform for students oriented to the early creation of a professional profile. Designed and early developed a **microservice-based architecture** using the Netflix OSS stack over the Spring framework. Also, this development included other technologies such as AngularJS, NodeJS, Kafka, Dockers, PostgreSQL, MongoDB, Neo4J…

FullStack Developer Intern
March - May 2016
2Mares Demil, Vigo

Maintained and developed a management application, broadly used on call centers. Worked with technologies such as .NET over C#, SQL Server…

🎓 EDUCATION

Master's Degree in Artificial Intelligence Research
2017 − 2019
Specialty in Data Science and Machine Learning
UIMP − AEPIA

Bachelor's Degree in Computer Science
2012 − 2016
University of Santiago de Compostela

Master's Degree in Music Performance
2009 − 2011
Koninklijk Conservatorium Brussel

Bachelor's Degree in Music Performace
2005 − 2009
CMus Superior of Vigo

💬 LANGUAGES

Spanish & Galician (Native)

English (B2)

French (A2)