

# Ignacio Amaya de la Peña

## Curriculum vitae

### WORK EXPERIENCE

August 2019 – Currently

Rovio - Helsinki

#### Senior Machine Learning Engineer

Working in the Data Engineering team. Creating ML models that game teams can use to personalise the game experience of their players.

January 2018 – August 2019

EY - Madrid

#### Senior Consultant

Technical lead in data science projects for UK and Nordic clients in the financial and insurance sectors coordinating the development throughout all the phases from validating a proof of concept to taking the products and services into production.

February 2017 – September 2017

Qliro AB - Stockholm

#### Big Data Developer

Developed complex Spark pipelines and in charge of the data analytics department of the BI team. Implemented and put in production fraud detection models that reverted in gains to the company.

May 2016 – June 2016

Indizen - Madrid

#### Data Scientist Intern

Developed a dashboard using Elasticsearch and Kibana in AWS to help a Spanish newspaper locate the latest news in the area of Barcelona.

March 2016

Vaciatucasa - Madrid

#### Freelancer

Developed a Point of Sales software for street markets.

May 2015 – July 2015

CRIDA A.I.E. - Madrid

#### Data Engineer Intern

Designed data pipelines to build a data warehouse. Also performed advanced data analysis to optimize the flight routes.

### EDUCATION

2015 – 2017 **Master in Data Science**  
Madrid – Stockholm  
EIT Digital Master School  
Double degree (UPM and KTH)

2011 – 2015 **Mathematics and Computer Science Degree**  
Madrid  
UPM

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### COMMUNICATION SKILLS

SPANISH Native speaker  
ENGLISH Advanced level  
(TOEFL iBT score : 105)

### SKILLS

PROGRAMMING Python, R, Scala, SQL, BASH, Java, Matlab, Maple,  $\LaTeX$   
DATA SCIENCE Scikit-learn, Pandas, TensorFlow, Spark ML, AWS Sagemaker, Vowpal Wabbit  
BIG DATA Hadoop, Spark, Hive, Presto, Athena, Sqoop, Oozie, NiFi, HBase, ElasticSearch, Storm, Grafana  
DEVOPS Git, Docker, Kubernetes, Azure, AWS, Serverless, Azkaban

### CERTIFICATES AND AWARDS

December 2016 **First prize at HackSociety (FotoNation challenge)**  
UPB, Bucharest  
August 2016 **EIT Digital Smart Spaces Summer School**  
Aalto University, Helsinki  
November 2015 **Second prize in the "EIT Alumni Startup Days"**  
Barcelona  
March 2009 **First Place in the XLV Spanish Mathematical Olympiad (local phase)**  
UEx, Badajoz

### PERSONAL SKILLS

Interest in the latest advances in data science, Big data and DevOps.

Passionate about evangelizing the latest data science and Big Data technologies to increase their adoption.

Pro-active, very communicative, and aware of team dynamics.

Experience working in multicultural and interdisciplinary teams.

Accustomed to using agile development methodologies and tools, such as Scrum and Jira.