Ignacio Amaya de la Peña
Curriculum vitae

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EDUCATION

2015 – 2017	**Master in Data Science** Madrid – Stockholm *E*IT Digital Master School Double degree (UPM and KTH)
2011 – 2015	**Mathematics and Computer Science Degree** Madrid *U*PM

SKILLS

PROGRAMMING	Python, Scala, R, Java, BASH, SQL, Matlab, Maple, LaTeX
DATA SCIENCE	Scikit-learn, Pandas, TensorFlow, Spark ML, H2O, Weka, KNIME
BIG DATA	Hadoop, Spark, Hive, Sqoop, Oozie, NiFi, HBase, Ambari, ElasticSearch, Storm

WORK EXPERIENCE

February 2017 – September 2017

Qliro AB
*B*ig Data Developer
Creation of complex Spark pipelines for migrating variables needed for analytics from MS SQL Server to Hadoop, and development of fraud detection models using Spark ML.

May 2016 – June 2016

Indizen
*D*ata Science Intern
Analysis of geolocated social media data for news detection using Elasticsearch and Kibana in AWS.

May 2015 – July 2015

CRIDA A.I.E.
*I*ntern
Design of ETL pipelines for a data warehouse, data analysis, and database maintenance.

March 2015 – May 2015

IES Abroad
*P*rivate tutor
English classes on databases to American exchange students.

December 2014 – March 2015

Madrid UPM
*I*ntern
Development in Java of educational software that was used by the Math Department of the UPM Computer Engineering School.

CERTIFICATES AND AWARDS

December 2016	**First prize at HackSociety (FotoNation challenge)** *U*PB, Bucharest
August 2016	**EIT Digital Smart Spaces Summer School** *A*alto University, Helsinki
November 2015	**Second prize in the "EIT Alumni Startup Days"** *B*arcelona
March 2009	**First Place in the XLV Spanish Mathematical Olympiad (local phase)** *U*Ex, Badajoz

PERSONAL SKILLS

Interest in new data science tools and techniques.

Passionate about the Hadoop ecosystem.

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.

COMMUNICATION SKILLS

SPANISH	Native speaker
ENGLISH	Advanced level (TOEFL iBT score : 105)
FRENCH	Intermediate level (Four years of studies, 2004-2007)