

Ignacio Amaya de la Peña

Curriculum vitae

EDUCATION

- 2015 – 2017 **Master in Data Science**
MADRID – STOCKHOLM
EIT Digital Master School
UPM-KTH track
- 2011 – 2015 **Mathematics and Computer Science Degree**
MADRID
UPM

WORK EXPERIENCE

MAY 2016 – JUNE 2016

Indizen

Data Science Intern

Analysis of geolocated social media data for news detection and visualization of the results using Elasticsearch and Kibana.

MAY 2015 – JULY 2015

CRIDA A.I.E.

Intern

Work realized in the context of European ATM Projects: design of ETL pipelines for building a data warehouse, development of an audio splitter for air traffic control, data analysis and database maintenance.

MARCH 2015 – MAY 2015

IES Abroad

Private teacher

English classes on databases to American exchange students.

DECEMBER 2014 – MARCH 2015

Madrid UPM

Intern

Development of educational software for the Math Department of the UPM Computer Engineering School.

COMMUNICATION SKILLS

- SPANISH Native speaker
- ENGLISH Advanced level
(TOEFL iBT score : 105)
- FRENCH Intermediate level
(Four years of studies, 2004-2007)
- CHINESE Basic level
(A1.1 level, UPM certificate)
- SWEDISH Basic level
(pursuing the A1 certificate)

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SOFTWARE SKILLS

- GOOD LEVEL Java, Python, Matlab, Maple, SQL, HBase, Storm, Hadoop, Spark, AWS, ELK stack, Processing, Talend, \LaTeX
- INTERMEDIATE Scala, R, C, BASH, Weka, KNIME, ontologies (RDF, OWL, Protégé)
- BASIC LEVEL Haskell, Prolog, Bluemix, SPARQL, Gephi, QGIS

CERTIFICATES AND AWARDS

- AUGUST 2016 **EIT Digital Summer School Certificate**
Aalto University, Helsinki
- MARCH 2016 **Second prize in "INDU3D"**
UPM, Madrid
- NOVEMBER 2015 **Second prize in the "EIT Alumni Startup Days"**
Barcelona
- MAY 2010 **First Place in the contest "Crea Universidad 2010" (photo-story category)**
UEx, Cáceres
- MARCH 2009 **First Place in the XLV Spanish Mathematical Olympiad (local phase)**
UEx, Badajoz

PERSONAL SKILLS

- Interest in new data science technologies and applications.
- Experience creating business plans in multicultural and interdisciplinary teams focusing on customers' problems.
- Pro-active, very communicative and aware of team dynamics.
- Enthusiastic about contemporary art, literature and visual media.