Marco **Herrero**

DATA SCIENTIST · DATA ENGINEER · SOFTWARE ENGINEER

Madrid, Spain

📱 (+34) 628034757 | ✉ me@marhs.de | 🏠 marhs.de | 🐙 marhs | 💼 marhs | 🐦 marhs_

Experience

Fever
Madrid, Spain

DATA SCIENTIST & DATA ENGINEER
Jun. 2015 - Curr.

- Design & development of recommender systems using machine learning. *collaborative filtering, matrix factorization, spark, python.*
- Machine learning architecture. Automatic model training, testing & deployment. *spark, nlp, clustering, feature extraction.*
- Use of geographical data to develop behaviour models & visualizations *postgis, python, clojure.*
- Design and maintain SQL and NoSQL data pipelines & tools. *postgreSQL, elasticsearch, redis, logstash, AWS.*

Brain Finances
Seville, Spain

TECH LEAD & AI DEVELOPER
Nov. 2014 - Nov. 2015

- Developed a financial simulator and API to analyze the stock market
- Design & implementation of self-trained and autonomous trading bots. *python, machine learning*
- News analysis with natural language processing. *nlp, nltk, mongodb*

Freelance
Seville, Spain

FULL-STACK DEVELOPER
2010 - 2012

- Design and implementation of web solutions for different agencies, mostly as a full-stack developer for marketing companies
- Developed HTML5 apps in jQuery with flask (python) as backend
- PSD to HTML, responsive, CSS, JS, scraping

Education

Faculty of mathematics - ETSII
Seville, Spain

MASTER'S DEGREE: ARTIFICIAL INTELLIGENCE, COMPUTER SCIENCE AND LOGIC
2015 - 2017

- Specialization in computer vision, natural language processing and machine learning

ETSII
Seville, Spain

BACHELOR'S DEGREE: COMPUTER SCIENCE AND ENGINEERING
2008 - 2014

- Speaker at local technical events
- Algorithms, Data Structures, Machine Learning, Artificial Intelligence, Cryptography, Functional Programming

Side projects

The Nature Conservancy Fisheries Monitoring

KAGGLE COMPETITION
2017

- Kaggle is a platform for predictive modelling and analytics competitions to resolve state-of-the-art problems
- Used Keras & Theano (deep learning) with pre-trained models and convolutional neural networks to provide visual memories.
- Bronze medal. Finished in the top 10%

Board games AI

HOBBY
2015

- I like to design and develop bots for board games (go, reversi, chess)