Marco Herrero

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INTRODUCTION

I'm a sotfware engineer focused on data science, data engineering, machine learning, and artificial intelligence.

In the past I've made self-trained and autonomous trading bots, financial simulators, deep learning models using convolutional neural networks for image classification and NLP. Currently I'm developing recommendation systems for offline entertainment discovery at Fever.

I love learning different programming languages and functional programming (python, SQL, clojure, elm, haskell, etc). If you work with a cool language I want to know about it.

EXPERIENCE

FEVER | Data scientist - Data engineer
June 2015 – Curr. | Madrid

- Data scientist: recommender systems using machine learning, collaborative filtering and clustering.
- Lead data engineer:
    - SQL / NoSQL engines: Postgresql, Elasticsearch, Mongodb, Redis
    - Data architecture: ETL, dashboards, Logstash, Mixpanel JQL, anomaly detection
    - AWS: S3, RDS, Kinesis, Lambda
    - Big data: pySpark, Kinesis firehose

FEVER | Software engineer / Backend developer
Oct 2016 – Feb 2017. | Madrid

- Backend developer using Python/ Django REST framework.
- PostgreSQL / Redis / Celery / RabbitMQ.
- AWS Stack (RDS, EC2, S3, Elasticache)

BRAIN FINANCES | Machine learning & API Engineer
Sept 2014 – Jun 2015 | Sevilla

- Developed financial simulators to analyze the stock market (python, javascript)
- Design self-trained and autonomous trading bots (python, machine learning)
- Natural language processing (NLP) with nltk
- MongoDB

Brain is a startup to provide financial analysis of markets using machine learning, natural language processing, bio-inspired computing and artificial intelligence.

EDUCATION

UNIVERSIDAD DE SEVILLA | M. S. in Artificial Intelligence, Logic and Computer Sciences
2015 | Sevilla

UNIVERSIDAD DE SEVILLA | B. Eng. in Computer Science
2008 - 2014 | Sevilla