

# ENRIQUE HERREROS

MACHINE LEARNING ENGINEER

## DETAILS

### ADDRESS

Madrid, Spain

### PHONE

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### EMAIL

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### DATE OF BIRTH

May-1990

### NATIONALITY

Spanish & Canadian

## SOCIAL

[eherreros.com](http://eherreros.com)

[LinkedIn](#)

[Twitter](#)

[Medium](#)

## SKILLS

Python

Machine Learning

Deep Learning

Django

Amazon Web Services (AWS)

Keras / PyTorch

SQL

Docker

Pandas / Sklearn / Numpy

Kubernetes

Linux

## LANGUAGES

English: mother tongue

Spanish: mother tongue

## HOBBIES

Kitesurf, paddle tennis, biking, swimming, kaggle, reading and cinema

## PROFILE

6+ years experienced ML Engineer with proven success in building and deploying algorithms, predictive models and bringing ideas to reality. Passionate, curious and quick-learner, I bring experience from small, medium and large companies, which taught me to quickly zoom in from the whole picture to low-level details. I thrive when immersed in high-skilled technical teams. Kaggle Expert (top 3% in the world).

## EXPERIENCE

### CTO & Co-Founder

April 2019 - June 2021

#### Shalion

Barcelona

Co-Founded Shalion, a web SaaS that helps top-tier brands monitor their ecommerce performance. Developed from scratch and deployed the backend, machine learning algorithms, web scrapers and infrastructure of all 3 products. Hired and led a team of developers, which were key to grow from 0 to 500K€ ARR and from 3 to 20 employees in <2yrs.

Stack: Python, AWS, Django REST, Scrapy, Docker, Kubernetes, Terraform, Sentry, sklearn

### Machine Learning Engineer & Co-Founder

Feb 2018 - Sept 2019

#### Xplore.ai

Madrid

Co-Founded Xplore.ai, a ML consultancy company. I engineered and deployed ML and Deep Learning solutions for clients like BBVA, Mango, FindHotel or Smart Protection, allowing the company to grow from 0 to +150K€ revenue in the first year. Was accepted at Telefónica Open Future startup incubator. Spin-off into Shalion.

Stack: Python, Keras, PyTorch, AWS, Docker, Flask, SQL

### Machine Learning Engineer

Jan 2017 - June 2018

#### FindHotel

Amsterdam

Built the main ML algorithms from scratch for a hotel booking marketplace with +150K customers/month. Developed: (1) hotel recommender, which significantly increased conversions; (2) booking cancellation prediction model, (3) price prediction model, that was key for inventory reselling.

Stack: XGBoost, Random Forest, kNN, KD-Tree. Prod: AWS Batch, API Gateway, Docker and Jenkins

### Data Scientist

June 2014 - Sept 2016

#### Deloitte

Madrid

Consultated a large insurance company in Spain in IT risks projects. Developed ad-hoc fraud detection and prevention tools and models that allowed fraud reduction by +3MM€. Stack: Python, scikit-learn, Splunk, SQL, jQuery

## EDUCATION

### MSc. Data Science, CUM LAUDE

Sept 2016 - Sept 2017

#### University of Amsterdam

Amsterdam

Thesis: "Hotel Booking Cancellation Modeling using ML"

### BSc. Communication Systems Engineering

Sept 2008 - Dec 2013

#### Universidad Carlos III de Madrid

Madrid

Thesis passed with distinction: "Platform for Analysis, Monitoring and Web Visualization of 802.11 Traffic"