

# JAIME FERRANDO HUERTAS

## Machine Learning engineer

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## WORK EXPERIENCE

### Machine learning engineer

#### H&M

Feb 2020 – Now    Stockholm, Sweden

- Develop recommendations systems for both batch and online inference.
- Lead multiple PoC recommendation models, many end up merging with the current solution.
- Setup live testing for our models and KPIs to monitor.

PySpark    Python    Azure    Pytorch

### Data scientist/ Machine learning engineer

#### Sandvik

May 2019 – Aug 2019    Stockholm, Sweden

- Develop abnormal behaviour detection models for multivariate industrial systems.
- Deploy and maintain online inference models.

Google Cloud    Python    KubeFlow

### Data Scientist

#### Polystar Group

Oct 2017 – Jul 2018    Stockholm, Sweden

- Internship during exchange program in Stockholm.
- Bachelor thesis for abnormal behaviour detection in telecommunications networks.

C/C++    Python

## EDUCATION

### Master's degree in Artificial Intelligence, Pattern Recognition and Digital Imaging

#### UPV, Politecnia University of Valencia

Sept 2019 – Ongoing    Valencia, Spain

### Exchange program master courses

#### KTH, Kungliga Tekniska högskolan

Sept 2017 – June 2018    Stockholm, Sweden

### Bachelor in Computer Science

#### UPV, Politecnia University of Valencia

Sept 2014 – June 2018    Valencia, Spain

## LANGUAGES

English    Bilingual

Catalan    Native

Spanish    Native

## ACHIEVEMENTS



### Ranking Second in UniversityHack 2018 DATATHON

UniversityHack 2018 DATATHON is a Spanish national contest where only students can participate (from Bachelor level to Phd). The goal for the competition was to predict the purchasing power of a client, using data provided by Spanish bank Cajamar.

Leadership    Teamwork



### Open source contributions

Sklearn    Facebook Prophet  
Pytorch Audio    Jupyter Lab



### Coach at Openhack - Coding for humanity

Coached two hackathon events for Openhack, a non-profit organization looking to making a difference through open source development

## TOOLS

### Internet Of Things

- Raspberry PI home assistant setup.
- Microsoft Azure IoT setup.

### Deep learning libraries

- Advance use of Pytorch, Pytorch lightning. Profiling and serving with ONNX standar
- Medium knowledge of Tensorflow 1.X, basic 2.X.

### Cloud Providers

- Advanced Google Cloud. Server setup (web hosting, Cloud hosting, Restful API, Redis, SQL ..). Online model serving and kubertenes cluster management.
- Medium knowledge of Azure ecosystem: functions, devops.
- Basic AWS.

### Software (Frontend)

- Basic HTML and javascript knowledge, my top work is at my personal page jiwidi.me.

## OTHER INTERESTS

Photography    Open source    Nature