

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

Oct 2019 – Feb 2020

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, Politecnico 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, Politecnico University of Valencia

Sept 2014 – June 2018

Valencia, Spain

LANGUAGES

English

Bilingual

Catalan

Native

Spanish

Native

PROJECTS

LAS-Pytorch

Implementation of Listen, Attend and spell model for E2E ASR.

Time series with Python

A use-case focused tutorial for time series forecasting with Python.

Jupyter-lab-docker-rpi

A Docker image to run jupyterlab on your raspberry pi.

DeepSpeech-pytorch

Pytorch code for DeepSpeech 2.0.

Netflix-RNN-Recommender

Implicit recommender for Netflix dataset.

GMM-Classifer

Python implementation for a Gaussian mixture model classifier.

PLS Regression Tensorflow

PLS regression in TensorFlow 2.0.

Daily Qweerte

Bot that sends you new shirts from qweerte.com. Deployed in GCP since 2015 with 180 users.

TOOLS

Machine learning libraries

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

Cloud Providers

- Advanced Google Cloud. Server setup (BigQuery, Cloud hosting, Restful API, Redis, Cloud composer, SQL ..).
- 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.

Software (Backend)

- Kubernetes, Docker, Apache webserver
- Databases: Django, PostgreSQL, MySQL.

ACHIEVEMENTS

Ranking Second in UniversityHack 2018 DATATHON:

Biggest spanish data science competition.

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.

OTHER INTERESTS

Photography

Open source

Nature