

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