

JAIME FERRANDO HUERTAS

Machine Learning engineer

@ fhjaime96@gmail.com

+460706164458

Stockholm, Sweden

github.com/jiwidi

imjai.me

WORK EXPERIENCE

Machine learning engineer

H&M

PySpark

Python

Azure

Pytorch

Feb 2020 – Now

Stockholm, Sweden

- Lead neural based recommendation systems at H&M and wrote a **thesis** about initial developments
- Lead multiple PoC recommendation models, many end up merging with the current solution.
- Setup live testing for our models and KPIs to monitor.

Data scientist/ Machine learning engineer

Sandvik

Google Cloud

Python

KubeFlow

Oct 2018 – Feb 2020

Stockholm, Sweden

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

Data Scientist

Polystar Group

C++

Python

Scala

Oct 2017 – Jul 2018

Stockholm, Sweden

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

Software engineer

Ahora Freeware

C#

.NET

Jun 2017 – Jul 2017

Valencia, Spain

- Internship, writing C# APIs to create a multi-cloud(dropbox, office 365, google drive) storage system.

EDUCATION

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

UPV, Politecnico University of Valencia

9.2/10

Sept 2020 – Jun 2021

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

Machine learning specialization.
High performance group.

LANGUAGES

English: Bilingual | Spanish: Native | Catalan: Native

PROJECTS

LAS-Pytorch

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

Neural recommender systems at H&M

Master Thesis (Cum-laude graded) for Neural based recommender at H&M. Proposed models replaced production models and are currently in production.

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.

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 99.99% uptime.

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 page imjai.me represents the best I can do.

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, Pytorch lightning and Jupyter Lab.

Coach at Openhack - Coding for humanity

Coached two hackathon events for Openhack, a non-profit organization.

OTHER INTERESTS

Photography

Open source

Cycling

Keyboards