DAVID EL MALIH

Entry-level Data Scientist

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EXPERIENCE

Research Data Scientist Intern

Yoobic

Sep 2018 - Aug 2019 (1 year)

- **♀** Tel Aviv, IS & Paris, FR
- Object detection Faster RCNN reaching 95% mAP at inference time
- Segmentation Shelves Detection on retail stores images U-Net reaching 98% accuracy at inference time
- One shot learning Image classification using one image per category Triplet Network reaching 90% accuracy at inference time
- Image processing: Perspective correction and image stitching algorithms

Techs: Python, Tensorflow, Keras, OpenCV, Pytorch, GCP Machines

Software Engineer

Paris Digital Lab

Paris, FR

IoT Project @ AccorHotels Group

- Development of an IoT device to protect staff from sexual harassment
- Sending and backing up alerts when the staff member notifies a danger

Techs: LoraWAN, Arduino, RFID/NFC, Node.js, ReactJS

Chatbot Project @ IterimCo

- Development of a recruitment chatbot that pre-qualifies candidates
- Development of an admin dashboard to follow and control chatbot's actions

Techs: Python, Flask, Dialogflow, Node.js, ReactJS

Data Science Project @ RATP Group

- Anomaly detection from given daily logs on a subway line
- Unsupervised pattern recognition in unstructured log-data

Techs: Python, Tensorflow, Keras, LSTMs, Pandas, Flask, ReactJS

Data Scientist Intern

Valeo Group

Jun 2017 – Jul 2017 (2 months)

♀ Paris, FR

- Focus adjustment algorithm on infrared camera
- Development of an embedded facial recognition algorithm

Techs: Python, Tensorflow, OpenCV, Siamese Networks

Full Stack Developer

ConduiteCenter

🛗 Jan 2017 – Jan 2017 (1 year)

- Paris, FR
- Development of the website my.conduitecenter.fr for an online driving school
- Scheduling courses Online payments Automatic invoices and contracts

Techs: ReactJS, Node.js, Firebase, Docker, GCP Machines

EDUCATION

MSc, Artificial Intelligence

CentraleSupelec

2016 - 2020

Paris, FR

- Mathematics: Statistics, Probabilites, Large Scale Optimization, Game Theory
- Data Science: Machine Learning, Deep Learning, AI, Reinforcement learning, NLP
- Software Engineering: Software development & OOP (Python & Java)

Intensive Courses

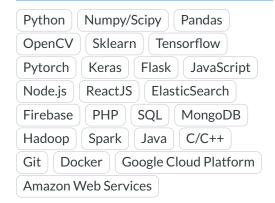
Lycée Janson de Sailly

2014 - 2016

Paris, FR

Two intensive years of scientific course to prepare the selective entrance exams for the top engineering schools in France

SKILLS



LANGUAGES

French English Hebrew Arabic

Native Full professional proficiency High working proficiency Elementary proficiency