

Marco Boucas

Master of Engineering Student & Data Scientist

Looking for a internship abroad in Artificial Intelligence, available in August 2020

INFORMATION

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EDUCATION

DIGITAL TECH YEAR

Paris Digital Lab

February 2020 - Present

- Admitted to the one-year digital technology specialisation program.
- One semester of agile prototyping at the ParisDigitalLab, developing real-world projects for French Organizations.
- One semester international work experience as an intern in a startup or large company.

MASTER OF ENGINEERING AT CENTRALESUPÉLEC

Centralesupélec

September 2018 - Present

Centralesupélec is an elite Engineering School, member of France's Grandes Ecoles, based on a highly selective recruitment process.

INTENSIVE PREPARATORY COURSES

Saint-Louis

2016-2018

Intensive courses in Maths, Physics, Engineering Science for the french Grandes Ecoles.

SKILLS

Languages

Python • Javascript/Typescript • HTML/CSS

DataScience

Numpy • Pandas • Scikit-Learn • Keras/Tensorflow • NLTK • NLP • ComputerVision

Web





NodeJs • Express • Sequelize • Certbot • NGINX/Apache • React • Socket.io

Working Tools

Linux • Windows • Git • Latex

Innovative Methodologies

Design Thinking • Scrum Methodology

 French Native
 English Fluent
 German Good Notions
 Spanish Notions

EXPERIENCES & PROJECTS

DATA SCIENTIST & AGILE PROTOTYPER | PARIS DIGITAL LAB

2018-2019 | Paris

ParisDigitalLab is an open innovation training device to enable students to become proficient in various technologies through the realization of real-world projects, using scrum methodology.

- Emotions Recognition in Videos for Flashbrand

Flashbrand is an innovative startup that aims to revolutionize feedbacks and HR methods using AI and an employee centred approach.

Creation of a software capturing video in real time from the user and processing it using Machine Learning algorithms to classify emotions in a coach bot.

NodeJs - OpenSMILE - Tensorflow/Keras

DATA SCIENTIST STUDENT | CENTRALESUPÉLEC

2018-2019 | Paris

CentraleSupélec courses require the completion of projects to validate the skills acquired during the studies.

Courses : Big Data, ML, Computer Science, Statistics, Distributed Calculus

- Tweets Analysis

A project aiming to detect the audience score of movies based on a scraped database of tweets. We used and compared several algorithms and methods (TF-IDF, Bag of words and LSTM with Embedding).

NLTK - Numpy/Pandas - Keras/Tensorflow - LSTM

- Clustering pedagogical platform

A web platform to allow CentraleSupélec students to easily learn Clustering algorithms and improve their skills through exercices and notebooks.

Django - Jupyter - K-Means - DBSCAN - Hierarchical Clustering

DATA SCIENTIST STUDENT - MYREZIN3D | VIARÉZO

2018 | Paris

ViaRézo is an association of students dedicated to the management of the internet network on the student residence (2,000 members).

As Web Development Manager, I have created MyRezIn3D, a 3D modeling project of CentraleSupélec students residences. It allowed us to monitor the networks elements of the infrastructure (wifi hotspots, switches, ...) to know their location and operating status.

NodeJs - Python - Numpy - REST API - Socket.io

WEBSITE DEVELOPER - AUTOMATANTS WEBSITE | AUTOMATANTS

2018-2019 | Paris

Automatants is an association of students promoting Artificial Intelligence on the Paris Saclay campus.

I have developed the entire website during the creation of the association automatants.cs-campus.fr and a self-training system for members allowing them to follow courses and do exercices.

NodeJs - Express - Sequelize