

ETIENNE MEUNIER

Engineer

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LANGUAGES AND IT SKILLS

French : Native

English : Fluent - IELTS : 7.5

Spanish : Intermediate

IT skills :



PERSONAL ACHIEVEMENTS

April. 2019 – Today : Volunteer at Boston Cares

- Weekly tutoring adults in Math courses with X-Cel Education
- Prepared adult job seekers for professional interviews
- 40+ hours helping on different missions

Jan. 2017– Sept. 2018 : Leader of the project Kolibri that aims to offer new transportation solutions to little producers in France

- Finalist of the « Innov' Awards », a contest where students present their project in front of a college of investors.
- Selected as one of 110 projects to be part of the a plan to promote innovative initiatives financed by the city of Paris.

Jan. – Feb. 2018 : 4L Trophy

Humanitarian car race in pair between Paris and southern Morocco

- Participated in a car race in the Sahara in 5 days using an old Renault R4 that we repaired ourselves. Managed to donate 7 bags of school supplies to Moroccan children by doing partnership with companies.

2006 – 2010 : Member of a scout troop

- Managed a team of 5 people for one year to do fundraising and to prepare the summer camp

EDUCATION

Degree in Computer Science at Boston University Jan. 2019 - Sept. 2019

Concentration in Data Analytics

- Advanced Database Management
- IT Strategy and Management
- Advanced Machine Learning

Diplôme d'ingénieur (equivalent to MEng) at ECE Graduate School of Engineering (Paris) Sept. 2014 - Dec. 2018

Specialized in Information Systems - Master's GPA : 3.5

- Mathematics, Programming, Electronics, Robotics
- Advanced programming skills
- Data Mining and Analysis
- Challenges using Machine Learning and Deep Learning
- Programming team projects using C, C++, C#, Java, PHP and Python
- Innovation team projects with verbal presentation of the results to a Jury

MOOC - Deep Learning Specialization - deeplearning.ai Jan. 2018 - Dec. 2018

MOOC - Introduction to Computer Vision - Georgia Tech May - July 2018

MOOC - Machine Learning - Stanford University Sept. - Dec. 2017

Semester at University Of Newcastle (Australia) July - Dec. 2016

PRACTICAL AND PROFESSIONAL EXPERIENCE

Research project on Long Term Load Forecasting (Boston - United States) Feb. 2019 - Today

Research projects at Boston University with Dr. Pinsky aimed to study the forecasting of hourly electricity consumption in a country up to several years in advance

- Compared our simple approach to techniques using an artificial recurrent neural network
- Reduced by 100x the computation time to produce a forecasting with similar accuracy
- Developed a SQL script to compute forecasting directly in database

Freelance IT consultant at Seelk (Paris - France) Dec. 2018 - Today

Seelk is a startup that helps companies to develop their sales on Amazon

Freelance IT consultant at Centre de Ressources et d'Appui sur le Risque Requin (La Reunion - France) Sept. 2018 - Today

The CRA is an organization created by French Government to lead research on innovative solutions to reduce the risk of shark attacks on La Reunion island (Indian Ocean)

- Leading the development of a challenging shark detection algorithm using a deep learning approach
- Implemented several research papers in python and got involved into the open-source community in order to find the best approach
- Directed an intern and provided a series of tools in order to realize the labeling of the images

Research Intern at Centre de Ressources et d'Appui sur le Risque Requin (La Reunion - France) May. - Aug. 2018

- Reduced by 10x the amount of videos to watch for biologists by developing by myself a motion detection algorithm that works on underwater videos using several tracking techniques.
- Contributed to the good implementation of this tool for 6 months now, by discussing with the users and adding new functionalities.

Data Engineer Intern at the company Datamaran (London - England) June. - Aug. 2017

Datamaran is a business intelligence provider that uses data analysis and AI to help businesses to monitor emerging regulatory and reputational risks

- Integrated 10k+ financial reports into the database, by developing a process that extracts, preprocesses and stores data automatically from selected web sources.

Internship at the company Zodiac Aerospace (Paris - France) April. - May. 2016

Zodiac Aerospace designs high-technology equipment and systems for critical aircraft functions and in-flight and on-ground safety

- Improved by 5x technicians speed to access internal documentation by developing a program that automates research in scanned technical documents using Visual Basic and OCR tools.