

SUMMARY

- Wishing to find an opportunity abroad in the digital innovation sector
- 4 years working experience with 2 years abroad (Canada, England)
- Bilingual: English (TOEIC 875) & French (mother tongue), notions of Spanish
- Experienced in data management/analysis, machine learning and IOT

SKILLS

- **Programming:** Python, Matlab, Scilab, R, JavaScript, Java, C++, HTML, PHP
- **Engineering:** Smart grid, Smart home, IOT, Machine learning, Energy modeling, Electronic
- **Prototyping:** CAD software, Arduino, Raspberry Pi, 3D printing
- **Data management:** SQL, No SQL, git, API, Tableau, Amazon Web Services, Azure, Bluemix

EXPERIENCE

- EDF Energy** - Data scientist *Hove, England | July 2016 - Now*
- Deploy API to access data and use models for applications and analytics
 - Manage the data from 1500+ connected devices (thermostats, meters)
 - Attend to different hackathons (VR, data, blockchain, Alexa skills)
- CEA INES** - R&D engineer *Le Bourget du Lac, France | December 2014 - June 2016*
- Developed monitoring systems for smart building applications
 - Developed algorithms to analyse data and understand activities in buildings
 - Developed notifications system to share the results with the user
- Unigrad Solutions** - R&D engineer *Marseille, France | June 2014 - November 2014*
- Developed a predictive tool to estimate the water consumption of a building
 - Integrated indoor measurement/meter systems for smart building applications
- CSTB** - R&D engineer *Sophia Antipolis, France | February 2013 - August 2013*
- Developed a tool to simulate the electrical consumption according to different areas (building, district)
 - Generated activities profiles after analysis of a survey data with 27000+ applicants
 - Developed physical models for the appliances
- Dalhousie University** - Research assistant *Halifax, Canada | May 2012 - August 2012*
- Studied the gelation of cellulose nanocrystals in solution due to ionic currents
 - Used of specific measuring instruments to study the properties of the deposit
 - Presented an experimentation in a scientific [paper](#)

PROJECTS

- French presidential election** - [Kaggle/GitHub repo](#) *April 2017*
- Deployed a Python script to collect the data from Twitter streaming API related to the presidential election
 - Analysed the data to predicted the results
 - Selected as the dataset of the week by [Kaggle](#)
- Python Messenger bot** - [Article/GitHub repo](#) *2017*
- Tested different chatbot API (Telegram, Messenger) and deployment services (Heroku, AWS)
 - Made a [resume bot](#) and a [submission](#) for the AWS chatbot contest

EDUCATION

- Udacity** - Machine Learning Engineer Nanodegree *2017*
- Polytech Clermont-Ferrand** - Master's Degree in Engineering with Energy Expertise *2008 - 2013*