Valentin Charvet

MSc Student looking for PhD in the field of Machine Learning for Autumn 2019

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EDUCATION

2015-2019	**Télécom ParisTech** One of the top French Engineering school, specialized in applied mathematics and computer science
MSc	DataScience and Machine Learning
2013-2015	**Lycée aux Lazaristes** Two-year intensive foundation course for competitive entrance in French engineering schools, specialization in Math and Physics

EXPERIENCE

Spring 2018	**Intitut Gustave Roussy** *Machine Learning Research*, 6 months internship Institur Gustave Roussy is one of the world leading cancer research institutes of patient care, research and teaching Initiated a research project in the Therapeutic Innovation and Early Drug Development Department (DITEP) to design a decision support tool for doctors in the context of oncology phase I clinical trials Consisted in clinical database processing (tabular, categorical and free text data) and prediction model training for accurate patient selection (5 to 10% improvement)
Fall 2017	**Claravista** *Machine Learning Engineer*, 6 months internship Claravista is a Paris-based high performance marketing firm Implemented a LifeTime Value algorithm based on Random Forests and Markov Chains and integrated of the API to Claravista back-end data analytics platform
Summer 2016	**OLPC (NGO)**, volunteership Teaching basic computer science in a remote village in Madagascar, technical maintenance of educational laptops and Installation of a local intranet for the villagers
2016 - 2017	**Student Cafeteria**, Manager Responsible of a team of 15 people and 100k€ annual budget community manager

ACHIEVEMENTS

Machine Learning Challenges
Took part in two internal challenges: Acoustic Scene Classification and face recognition using machine and deep learning algorithms

Collaborative Apprenticeship project
Coding an Android app to creating music sheets using the voice, took care of signal processing

SKILLS

Programming
Experienced
- Python

Intermediate
- Scala
- Spark
- Keras
- SQL

Softwares
- Git for version control
- Amazon Web Services
- UNIX
- LaTeX

Technical
- Natural Language Processing
- Big Data
- Optimization
- Statistics
- Deep Learning

Languages
- French (native)
- English (professional)
- Spanish (basic)

HOBBIES

- Active members of several student clubs: cafeteria, video, business forum
- Music, organization of concerts as part of these clubs
- Handball, high-level alpine skiing