Pierre Osselin

Graduate Student from Ecole Centrale Paris and the University of Oxford looking for a Research position in Machine Learning from October

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Education

2018-2019 **University of Oxford - Double degree with Ecole Centrale Paris**
MSc in Mathematical Sciences, Distinction, ranked 2nd
Main Courses: *Advanced Simulations, Bayes Methods, Graphical Models, Data Science, Deep Learning, Networks, Combinatorics, Stochastic Differential Equations, Approximation Theory*
<u>Dissertation</u>: Modelling and analysis of social network data from rank preferences

2016-2019 **Ecole Centrale Paris**
MSc in Engineering
Main Courses: Machine Learning, Software Development, Convex/Discrete Optimization, Dynamic Systems, Cryptology, Physics, Analysis, Company Creation, Management, Finance

2016-2017 **University Paris-Sud (Paris XI) - Double degree with Ecole Centrale Paris**
BSc in Pure/Applied Mathematics

2014-2016 **« Classes préparatoire aux Grandes Ecoles », MPSI-MP***
French specific two-year undergraduate program leading to a nation-wide competitive examination into the "Grandes Ecoles"

Work Experience

July-Sept 2018 **Summer Internship at NOVADISCOVERY**
Research Subject in Biological Model Reduction through Network Analysis: Development of algorithms in Haskell that automatically reduce biological models through sensitivity analysis, parameter identifiability and error propagation

2017-2018 **Team Project for the Start Up My Job Glasses**
Development of recommendation systems in the context of association between students and professionals

June-July 2017 **Operator training**
Safran Aircraft Engines, site of Evry

2016-2017 **Team Project for ACCOR HOTEL**
Design of algorithms for the selection of comparable hotels in order to measure the impact of promotions

Skills

Computer Science
- Windows/Linux
- Python, Haskell, R
- C ++ (Beginner)
- Git, Latex, Pack Office

Languages

English : Proficient
IELTS : 8 (Overall)
Spanish : Intermediary
French : Mother tongue

Hobbies

Sports Rock Climbing, Running, Mountain Biking
Associations - **Electric Club Centrale Paris:** Electronic projects, Reparation of defective devices
- **Via Centrale Réseau:** Core team, maintaining web-based network on the campus
Leisure Music, Travel, Reading