Yrieix Leprince

Data Scientist applying for a professional thesis in the machine learning field.
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EDUCATION

TELECOM PARISTECH
Advanced Master degree
2017-2018 | Paris
Major in Data Science
& Machine Learning.

ENSG NANCY
Engineering Curriculum
2014-2017 | Nancy
Major in Geomodeling
& Numerical Geology.
Master 2
2016-2017 | Nancy
Petroleum Geosciences
& Reservoir Engineering.

LYCÉE FÉNELON
Preparatory School
2012-2014 | Paris

LYCÉE STANISLAS
Scientific Specialization
2009-2012 | Paris

COURSEWORK

GRADUATE
Advanced Machine Learning
Data Mining
3D modeling
Software Engineering

UNDERGRADUATE
3D modeling
Unix Tools and Scripting

SKILLS

PROGRAMMING
C++ • Java • Python
Scala • SQL • Bash
JS • CSS • HTML

LANGUAGES
French (native)
English (IELTS level C1 - 2016)

LINKS

LinkedIn: // **yrieixleprince**

EXPERIENCE

TOTAL SA | Software Engineering Intern
May 2017 – September 2017 | Geosciences Research Center, Aberdeen, Scotland
- Implementation from scratch of a genetic algorithm to optimize simulation parameters of an hydrocarbon reservoir.
- Programming in C++ and Python.

SCHLUMBERGER | Software Engineering Intern
June 2016 – September 2016 | Montpellier Technology Center, France
- Manipulation of 3D geological models.
- Implementation of new on-going features on the software Petrel E&P®.
- Programming in C++ language.

POCLAIN HYDRAULICS INC. | Engineering Intern
July 2015 – Aug 2015 | Racine, Wisconsin, USA
- Work on AutoCad in 2D isometric geometry: plant layout, studies on industrial flows and machine location, spare parts drawings.

RESEARCH

GEORESSOURCES LAB | Master 2 Student
September 2016 – May 2017 | Nancy, France
- OpenCV algorithms (Random Forests and Support Vector Machine) interfacing to analyze Digital Outcrop Models.
- Work with the libraries OpenCV and OpenSceneGraph for pattern recognition in the software SKUA-GOCAD®.
- Programming in C++ language.

GEORESSOURCES LAB | Master 1 Student
September 2015 – June 2016 | Nancy, France
- Geological Uncertainties Model visualization in web browsers.
- Work with the three.js library.
- Programming in C++ language.

AWARDS

WEB PRICE | 24 hours of innovation challenge
2016 | Pau, France
- Event organized by the Pole Avenia. Subject proposed by SPIE Oil and Gas.

3RD GRADUATE OF ILE-DE-FRANCE | Geosciences Olympiads
2011 | Paris, France
- A national competition on astronomy, hydrology and geology sciences.

INTERESTS

Present	Everything related to GNU/Linux and Open Source Softwares.
2015-2017	School Board member & Member of the Student Union.
2015-2016	In charge of the 2016 Geologia forum organization.
2015-2016	Founder of the e-commerce website Géol Nancy.