

Objective: Computer Engineer in Data Science, Machine Learning and Data Mining looking for a 6 months end-of-studies internship (starting in September 2016), to learn and practice in a professional context.

Academic

University of Technology of Compiègne (UTC)
2011 - 2016
Engineer in Computer Science - Data Mining
2016
Erasmus Exchange Program in Istanbul, Turkey

Lycée Français de Singapour
2011
Scientific Baccalaureate (with distinction)

English Language and Literature IGCSE
2009

University projects **TERADATA**

- Data Warehouse project with Teradata on a retail dataset
Modeling & building of the Data Warehouse with Aster
Data Analysis with Teradata Studio (SQL & MapReduce)
Visualization with AppCenter & Gephi

- Databases project: Veterinarian website
Modeling, implementation of an online management system of customers, appointments, prescriptions and invoices
PHP & PostgreSQL

- OOP Project: UTPProfiler - Choice of courses
UML design, use of many Design Patterns in C++ using Qt Creator
<https://github.com/cortylal/UTProfiler>

Skills

- Technical

R • SQL • Python • Weka • Gephi • Teradata Tools

SVM • Logistic Regression • Decision Tree • KNN

Oracle • MySQL • Hadoop • Hive • MapReduce

HTML • CSS • API • JavaScript • jQuery • PHP

- Languages

English – Bilingual (European level C2)

Mandarin – Correct level (European level B1)

Spanish – Notions (European level A1)

French – Native speaker

Courses taken

- Data Science Specialization MOOC by Johns Hopkins University (USA)
- Data Mining with Weka MOOC by The University of Waikato (New Zealand)
- Data Structures and Algorithms
- Architecture of Data Base Systems
- Stochastic processes
- Graph Theory in Computer Science
- Decision Theory & Machine Learning

Experiences

AMADEUS

Amadeus - Data Science Internship

February to July 2015

Intimate knowledge of airfare data content in order to improve Flight Search process

- Data Mining (Hadoop, Apache Hive)
- Machine Learning (SVM, DT, NN, BN)
- Data Analysis (R, Python)

<http://www.amadeus.com/>



President of the largest student federation of associations in France: Student Union - UTC

February 2014 to February 2015

- Coordinating the activities of close to 100 associations
- Annual budget of € 1.5 million

<http://assos.utc.fr/>



Microsoft Student Partner in the UTC

October 2013 to May 2014

- Workshops around Microsoft technologies
- Trainings to the Microsoft environment

<https://msdn.microsoft.com/microsoftstudentpartners>

THALES

Thales Singapore – Internship

February 2012

Thales at the Singapore Air Show 2012

<https://www.thalesgroup.com/en/>

- Personal
Project manager • Dynamic
Rigorous • Organized
Setting high standards in every task