Alexandre **CORTYL**
COMPUTER ENGINEER • DATA SCIENTIST

Université de Technologie Compiègne
http://www.utc.fr/the_university/index.php

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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
   Building of the Data Warehouse with Aster
   Analysis with Teradata Studio (SQL & MapReduce)
   Visualization with AppCenter & Gephi
https://ic05-picasso.herokuapp.com/

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

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

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

• Language
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 - Data Analyst Intern   AMADEUS
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/

Student Union President   utc Université de Technologie Compiègne
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   Microsoft
October 2013 to May 2014
   • Workshops around Microsoft technologies
   • Trainings to the Microsoft environment
https://msdn.microsoft.com/microsoftstudentpartners

Thales Singapore – Intern   THALES
February 2012
   Thales at the Singapore Air Show 2012
https://www.thalesgroup.com/en/