

Alexandre CORTYL

COMPUTER ENGINEER • DATA SCIENTIST

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Objective: Seeking challenging opportunities, to make a difference using my technical, analytical and managerial skills. I'd love to work in an innovative environment, focusing on business oriented problematics.

Academic

University of Technology of
Compiègne (UTC), France



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

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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

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Skills

• Technical

SQL • R • Python • Statistics

Tableau • Grafana • Weka • Gephi • Teradata Tools

Time Series • SVM • Decision Tree • KNN

Vertica • Hive • Hadoop • Oracle • MySQL

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

Experiences

Criteo - Senior Data Analyst



Since August 2016

I am part of the Product Analytics Team that sits between the Business and Engineering groups. I'm in charge of the Capacity Planning project:

- Datacenter monitoring
- Traffic forecasting
- Infrastructure costs evaluation & tracking
- RTB-related analysis & Fraud investigation

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

Teradata - Data Warehouse project



August 2015 to February 2016

Worked 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/>

Amadeus - Data Analyst Intern



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



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



October 2013 to May 2014

- Workshops around Microsoft technologies
- Trainings to the Microsoft environment

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