

# 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

Dashlane - Analytics Team Lead   
Since May 2019

I lead the Analytics team in Paris, working hand-in-hand with the Product and R&D departments, helping build the best online Identity co-pilot.  
<https://www.dashlane.com/>

Criteo - Senior Data Analyst   
August 2016 to May 2019

I was part of the Product Analytics Team that sits between the Business and Engineering groups. I have worked on multiple projects, including:

- Capacity Planning for Criteo datacenters
- Analyst for Tier-1 clients (Criteo London)
- Identity & Criteo Shopper Graph

<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)


<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 (R, Python, Hadoop, Hive)
- Machine Learning (SVM, DT, NN, BN)

<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>