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 Manager
Since May 2019
I manage the Product Analytics team, working hand-in-hand with the Product and R&D departments, helping build the best Password Manager.
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