Alexandre CORTYL

Computer Engineer • Data Scientist

📞 +33 (0)6 74 78 88 81   ✉ alexcortyl@gmail.com   Ⓢ alexcortyl
in alexandrecortyl   🔗 alexandrecortyl.com   🐦 @alexcortyl

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
R • SQL • Python • Statistics • MapReduce
Tableau • Grafana • Weka • Gephi • Teradata Tools
SVM • Logistic Regression • Decision Tree • KNN
Oracle • MySQL • Hadoop • Hive • Vertica
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 - Data Analyst
Since February 2017
I'm in charge of the Capacity Planning project:
 • Datacenter monitoring
 • Traffic forecasting
 • RTB-related analysis & Fraud investigation
http://www.criteo.com/

Criteo - Data Analyst Intern
August 2016 to February 2017
I was part of the Product Analytics Team that sits between the Business and Engineering groups.
http://www.criteo.com/

Teradata - Data Warehouse projet
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