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

Erasmus Exchange Program in Istanbul, Turkey

Lycée Français de Singapour 2011

Scientific Baccalaureate (with distinction)

English Language and Literature IGCSE 2009

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

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 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 TERADATA

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/

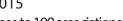
Amadeus - Data Analyst Intern aMaDEUS February to July 2015

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 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