SZEWE NICOLAS

Senior Data Engineer at Lombard Odier Investment Managers
Computer Engineer - EPFL-EMBA Harnessing innovation

CONTACT

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PROFESSIONAL EXPERIENCES

Senior Data Engineer   08/2016 - current experience
Company - Lombard Odier Investment Managers   Geneva, CH

- Strategic positioning of our data warehouse offering and data governance definition
- Usage of Data Vault methodology for the elaboration of our data warehouse.
- In charge of the selection and the implementation of the new LOIM scheduler.
- Develop reports in C# using Domain Driven Design and Entity Framework Database First
- Follow and review our EDM (Enterprise Data Management) implementation.
- Introduced and implemented source control (git) and continuous delivery. (Jenkins)

Internship - Big Data Engineer   02/2016 to 07/2016
Company - GumGum   Santa Monica, US

- Convert Hadoop Map Reduce job to Spark and schedule it through AWS Data Pipeline.
- Groovy and SQL to write and maintain aggregation scripts.
- Java, Druid, Amazon EMR, Redshift, Hadoop, Spark, Scala, Kafka, Storm

Technical Analyst / Sales Engineer   08/2014 to 12/2015
Company - Datalicious   Sydney AU, Paris FR and Chicoutimi CA

- Complex JavaScript implementation
- Solution Design to capture client needs and business requirements.
- Use of Analytics platform (Google Analytics, Adobe Site Catalyst, Datalicious OptimaHub)
- Product Demonstration to potential customers and technical support to the regional sales team

KEY COMPETENCIES

Data Storage and processing: Data vault certified (CDPV2), SQL Server, Lambda Architecture, Map Reduce, Spark, Kafka
Data Analysis : R, Weka, SQL, Machine Learning algorithm, Google Analytics, Gephi
Data Collection : JavaScript, Tag Management System
Programming Languages : C#, Java, Scala, Python, C++

VOLUNTEER PROJECTS

Student Union / **Head of Partnerships** – Find new partners / Increase the partner benefit of 40K€ a year
Orientation program / Human Manager - Speak in large audience (≈1000 people) to lead students to team building activities

EDUCATION

École Polytechnique Fédérale de Lausanne - 2019/2020
Executive Master of Business Administration - Harnessing innovation
University of Technology of Compiegne -- 2011-2016
Engineer in Computer Science/ Data mining, statistical modeling and data warehousing.
University of Quebec In Chicoutimi -- 08/2015 - 12/2015
Five months as an exchange student in Chicoutimi (CA)