

Daniel Szwimer

B.Eng, Gr.Dip
Data Engineer, Big Data, AI

Contact | Danielszwimer@gmail.com
+1 514 209 3406
Address | Montreal Quebec
Canada

WORK EXPERIENCE

- 1
- Data Engineer / AI / Moov AI, Montreal Canada / 2018 - Present

 - ETL for large data set used for ML algorithm in Forex trading
 - Designed robust python script for data aquisition
 - Designed and maintained Big Query data base to be used in preditive ML
- 2
- Solution Designer / AI / Deloitte, Montreal Canada / 2017-2018

 - Wrangled data in order to prepare data sets for machine learning ingestion
 - Trained and tuned machine learning algorithms for predictive analytics
 - Programmed deep neural networks from scratch with custom sigmoid function
- 3
- Solution Developer / Big Data / Deloitte, Montreal Canada / 2016-2017

 - Created visualizations in PowerBI to drive key business decisions
 - Developed T-SQL stored procedures and interface objects for integrity testing
 - Devised data profiling techniques for a system migration process
 - Developed proprietary software autonomously to be sold as a service
 - Created data visualizations on large data sets using R
 - Administered big data clusters through Cloudera's distribution of Hadoop
 - Integrated legacy systems into a Salesforce environment
 - Developed a financial application through IBM's TM1
- 4
- Data Science / Data Model / Concordia, Montreal Canada / 2015-2016

 - Performed research in a laboratory under the supervision of a tenured professor
 - Detected the spread of hate speech online using Python and NLP techniques to quantify corpuses
 - Built data models for contagion research
- 5
- CTO / Co-Founder / CheapEats, Montreal Canada / 2018 - Present

 - Designed webapp to allow businesses with perishable good to recover sunked cost
 - Designed database for scale, Postgres implementation through Heroku
 - Handled user authentication through Flask

SOFTWARE

01 Languages	02 Databases	03 Big Data	04 Operating Systems
Java	SQL	Cloudera	RHEL
Python	MySQL	AWS	Ubuntu
C++	Postgres	GCP	Microsoft
PHP	MongoDB	Azure	OSX
SQL	Dynamo	Flume	
T-SQL	SQLite	Sqoop	
HTML	Oracle	HDFS	
CSS		Yarn & MR2	
Javascript		Hive	
MIPS		Hbase	
R		Zookeeper	

05 Miscellaneous

SSIS, PowerBI, Tensorflow, Heroku, Anaconda, Jupyter, Composer, Arduino, Git

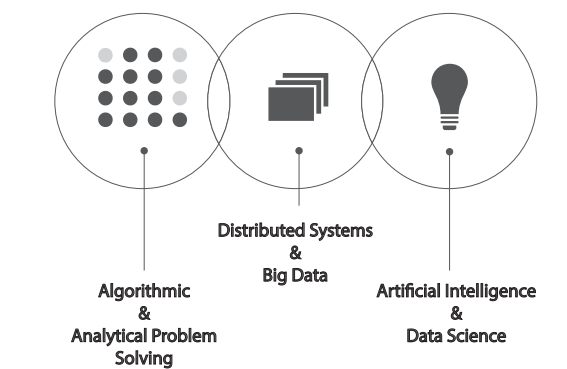
LANGUAGE SKILLS



EDUCATION

- Graduate Diploma in Computer Science Gr.Dip
Concordia University, Montreal Canada
GPA 3.85 - Distinction
2016 - 2017
- Study abroad B.Eng
Leeds University, Leeds UK
2014 - 2015
- Bachelor of Engineering B.Eng
Concordia University, Montreal Canada.
GPA 3.7 - Distinction
2012 - 2016
- DEC Pure & Applied Science
Marianopolis, Montreal Canada
2010 - 2012

STRENGTHS



CERTIFICATIONS

- AWS Cloud Practitioner

Amazon Cloud Services and their architectural use cases

License 9F111X0KC1E4QT55
- Google Cloud Professional Data Engineer

Google Cloud Platform ETL practices

License iVHAcU
- Google Cloud Associate

Google Cloud Platform solutions implementation

License 4s76tP

HOBBIES & INTERESTS

