

Daniel Szwimer

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

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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 acquisition
- Designed and maintained Big Query data base to be used in predictive 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 sunk 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

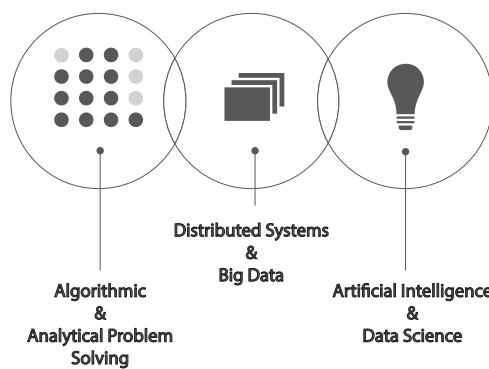
LANGUAGE SKILLS



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

