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LOGAN MARTEL

[HTTP://LOGANMARTEL.ME](http://loganmartel.me)

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Languages: Java | Python | JS | C | R | Elixir | Ruby | SQL **Databases:** DB2 | Postgres | MySQL | Cassandra
Frameworks: Spring MVC | Scikit-learn | Phoenix | Tensorflow **Platforms:** Android | Docker | AWS | Azure

PROJECTS

- [Data mined over 100GB](#) of annotated DNA in researching improvements to ensemble ML algorithms.
- [Designed NLP pipeline](#) to automate creation of *Facebook Friendbot* AIs via friends' messenger chat logs.
- [Implemented Settlers of Catan](#) (with 3 major expansions) in turn-based Android multiplayer application.
- Partnered with kidscodejeunesse.org to teach web fundamentals in elementary schools.

EDUCATION

Montreal, QC

McGill University

Grad: April 2018

- **BSc (Hons) in Software Engineering** with Economics minor. **GPA: 3.72 / 4.00**
- Algorithms & Data Structures | Artificial Intelligence | Operating Systems | Databases | Applied Statistics

WORK EXPERIENCE

SDE Intern

Expedia Inc.

May 2017 to August 2017

- Led application development on RxJava-based adapter to orchestrate scheduled on-boarding of ~15k hotels per week via a new Expedia 3rd-party partner. Project included caching optimizations via Amazon AWS S3 Service in design prioritizing fault-tolerance and minimal API requests.
- Separately owned API development & client integration - primarily in Java SpringBoot MVC framework - to assist with Expedia cloud migration of NoSQL hotel content systems.
- Collaborated in 2017 Global Expedia Hackathon to introduce first Elixir / Phoenix project at Expedia by redesigning a core micro-service for searching travel packages.

Software Developer Intern

Ericsson Montreal

May 2016 to December 2016

- Partnered with two other developers to launch distributed analytics & monitoring on binary repositories hosting over 100 terabytes of software artifacts worldwide while collaborating in Agile SCRUM workflow.
- Owned over 50 Sprint stories for end-to-end feature development, operations support, and bug-fixes.
- Built plugins in Groovy & scripts (NodeJS, bash) to support custom distribution of JFrog's Artifactory (a binary repository manager integrating fully with Jenkins, Docker, & Gerrit as part of Ericsson's CI workflow).

Full-Stack Web Developer

Zazz (Montreal Startup)

April 2015 to December 2015

- Swiftly engaged in unfamiliar .NET framework to accelerate MVP web application release of Fall 2015.
- Doubled industry user-base by reacting within 24 hours to concerns raised while recruiting industry-users.
- Implemented responsive image processing and updated user-interface across entire application.
- Executed software validation and testing to debug unresolved errors in source developed 2 years prior.

MERITS AND INTERESTS

- J.W. McConnell & Emily Ross Crawford Scholarships
- Assorted Online Courses: [Stanford Machine Learning](#), [Harvard CS50x](#), [Over 30 Programming Certificates](#)
- Recent interests: squash playing, dancing swing/merengue/salsa, playing with NLP + ML + electronics