LOGAN MARTEL

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Languages: Java | Python | JS | C | R | Elixir | Ruby | SQL   **Databases:** DB2 | Postgres | mySQL | Cassandra
Frameworks: Spring MVC | Scikit-learn | Pandas | Phoenix   **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

Distance Education   **Georgia Tech (Admitted)**   **Fall 2018 (Flexible/Tentative)**

- **Master's in Computer Science** (focus: systems architecture & data science) – flexible enrolment hours

Montreal, QC   **McGill University**   **Graduated: April 2018**

- **BSc (Hons) in Software Engineering** with Economics minor. **GPA: 3.77 / 4.00** (*First Class Honours*)
- Algorithms & Data Structures | Artificial Intelligence | Computer Networks | Databases | Applied Stats

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 for Fall 2015.

- Doubled industry user-base by reacting within 24 hours to concerns raised while recruiting industry-users.

MERITS AND INTERESTS

- Alan Shaver, J.W. McConnell, and Emily Ross Crawford Scholarships awarded by McGill University
- Assorted Online Courses: Stanford Machine Learning, Harvard CS50x, Over 30 Programming Certificates
- Current interests: squash playing, dancing swing/merengue/salsa, playing with NLP + ML + electronics