Jérémie MÉRIGEAULT

Big-Data Engineer,
Aspiring Data Scientist

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http://github.com/~JeremM

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Skills

- OOP
- Relational/Document Databases
- Mobile Dev
- Big-Data Engineer
- Statistical Analysis
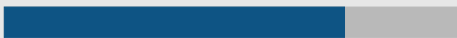- Machine Learning
- Test Automation

Interests

Craftmanship

Open-source

Data Visualization

Statistical Analysis

Software Development

Big Data & Distributed Computing

Languages

- Java
- R
- Python
- HTML5/JS
- SQL
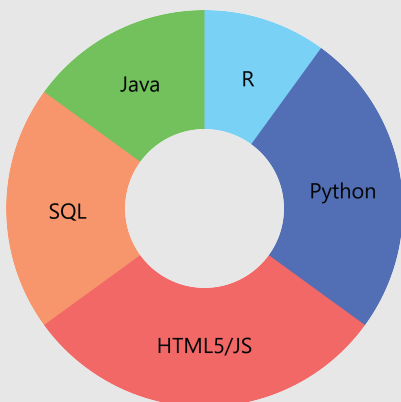
Education

2015 - 2016 (Expected)	**MSc., Computer Science**	University of Guelph

Guelph, Ontario, Canada
Current GPA: 3.7/4, 83%
Specialization: Data Mining

2009 - 2013	**BEng., Computer Engineering**	University of Pune

Pune, Maharashtra, India
First Class with Distinction

Research

2015 - 2016	**Graduate Research Assistant**	University of Guelph

- Worked on integrating large, noisy datasets containing upto six million records for predictive modeling and regression analyses
- Performed classification using Support Vector Machines and multivariate regression analyses using Logistic Regression
- A paper describing the integration methodology and preliminary results is accepted for publication at the DINA workshop in IEEE International Conference of Data Mining 2016 in Barcelona, Spain

Experience

Sep 2015 - May 2016	**Co-Founder & Full Stack Developer**	LocalXChange Inc.

- In a team of two, won $8,000 in funding from The Hub incubator (CBaSE, University of Guelph) to kick start a startup venture
- In a team of three, built a prototype hyperlocal platform with support from the University of Guelph. The goal was to deliver hyperlocal news and events and other content from community organizations to local users
- Built hybrid mobile and web apps using Node.js, Meteor, Ionic and AngularJS. Performed automated testing using Selenium. Designed and built production quality NoSQL databases
- Met with city officials, including the Mayor, and university executives to discuss social & business aspects of the platform

Sept 2015 - Present	**Graduate Teaching Assistant**	University of Guelph

- TA for CIS*2430 (OOP), CIS*4150 (Software Reliability & Testing) and CIS*3530 (Database Systems & Concepts) courses

Dec 2013 - Apr 2015	**Test Automation Engineer**	Synechron

- Developed a *Keyword Driven* and *Behavior Driven* test automation framework for Microsoft Dynamics CRM. Wrote an efficient recursive function to search within multi-level nested frames, reducing development time. Automated existing manual test cases. Won SPOT award and appreciation from client 🏆
- Involved in development of a Coded UI test automation framework for Microsoft Dynamics AX in C#
- Involved in manual testing for FICO Blaze Advisor. Participated in standup meetings and Three Amigos sessions with onshore/offshore developers and BAs. Responsible for sending daily status reports and testing user stories. Used JIRA and Quality Center for defect reporting, and Quick Test Professional for executing automated test cases