

Mathieu Larose

Montreal, Quebec, Canada

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Education

- M.Sc., Computer Science** 2010 – 2012
Université de Montréal
Specialization in operations research.
- B.Sc., Computer Science** 2007 – 2010
Université de Montréal
Faculty of Arts and Sciences Dean's List.

Technical Skills

- Programming Languages:** C++, Java, JavaScript, Python
Databases: Cassandra, MySQL, PostgreSQL, Solr
Operating System: Linux
Tools: AWS, Docker, Git, Jenkins

Professional Experience

- Software Developer** Oct 2018 – Present
Element AI
Montreal
- Software Developer** Sep 2017 – Oct 2018
Shutterstock
Montreal
Shutterstock is an ecommerce platform that enables companies to buy images, music and videos. I'm part of the team developing and operating the APIs serving the metadata of all these assets. These APIs power shutterstock.com as well as APIs for Shutterstock's partners such as Facebook, Google and Microsoft.
Java, Node.js, Cassandra, MariaDB, Solr, Docker, Jenkins, AWS
- Co-founder and Software Developer** May 2014 – Present
Kordio
Montreal
Kordio enables companies to create deals and contests online for consumers. I co-founded Kordio and I designed, developed and operate the platform powering kordio.com.
Node.js, Python, PostgreSQL, Docker, Ansible, AWS
- Software Developer** Sep 2016 – Jul 2017
Yulplay
Montreal
Yulplay publishes a mobile app for real-time social sport predictions. I worked on the team responsible for developing and operating the platform supporting the app.
Java, Python, Cassandra, WebSocket, Docker, AWS
- Software Developer** Mar 2013 – Sep 2016
Savoir-faire Linux
Montreal
Savoir-faire Linux is a software consulting company. I worked with many clients:

- Canadian Space Agency (8 months)
I developed a JavaScript and Lua API to control Java entities such as rovers and satellites. Project: [Apogy](#).
Java, JavaScript, Lua, Eclipse, Rhino
- TouchTunes (6 weeks)
I developed the back-end to transform and publish artist images for mobile applications.
Node.js, Java, MySQL, AWS
- Nuvolt (10 months)
I developed the back-end of an electrical asset monitoring system.
Node.js, Java, PostgreSQL, MongoDB, Docker, AWS
- Haivision (12 months)
I developed the back-end for video management and recordings scheduling.
Node.js, C++, MongoDB, SQLite
- Python trainer
I developed and taught an introduction course to Python.

Software Developer May 2012 – Mar 2013
GIRO *Montreal*
 I worked as a C++ developer on GIRO's main software that optimizes public transport around the world.

Teaching.....

Teacher Sep 2010 – Jul 2011
Collège de Maisonneuve *Montreal*
 Courses taught: Linux I - Operation and Configuration and Windows and Office.

Teaching Assistant Sep 2008 – Apr 2011
Université de Montréal *Montreal*
 Courses taught: Introduction to Computers, Introduction to Programming and Introduction to Operations Research.

Involvement

Articles about Programming 2013 – Present
 I write articles about programming at mathieularose.com

Side Projects 2012 – Present
 My side projects: mathieularose.com/projects

Awards

Cross-domain Heuristic Search Challenge 2011
University of Nottingham
 Third place at the [Cross-domain Heuristic Search Challenge](#).

Academic Excellence Scholarship 2010
CIRRELT, Université de Montréal

Academic Excellence Entrance Scholarship 2007
Université de Montréal

