

Owen McGill

Software engineer fascinated by technology
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Education

- **School of Engineering and Architecture of Fribourg-HEIA-FR** Fribourg, Switzerland
BSc 2015 - 2018
 - Computer Science
 - Bilingual degree
 - Specialisation in mobile applications
- **University of Calgary** Calgary, Canada
Exchange Year 2016 - 2017
 - Schulich School of Engineering, Software Engineering
 - Exchange Student, GPA 3.54/4

Work experience

- **Software Developer** Fribourg
Nixit Informatique Sàrl June 2017 - Present
 - Django/Python Web Applications
 - EmberJS Web applications
 - Embedded Solutions with Raspberry Pi
 - Management of Docker server
- **Intern** Fribourg
Nixit Informatique Sàrl August 2014-September 2015
 - Mediawiki Update (Wikimini)
 - Workstation & Server Setup
 - Network Setup

Projects

- **Scalable Web Services for Machine Learning** Preparations
Bachelors Project
 - Analyse, design and implement a web services architecture for deploying Machine Learning algorithms using Docker.
- **IntelliProlog: GNU Prolog plugin for IntelliJ** In progress
Semester 6 Project
 - Development of an IntelliJ plugin for the GNU Prolog programming language

- **LEGO-IIa: Conversion of LEGO Digital Designer to ABB RobotStudio** Complete
Semester 5 Project
 - Follow up to the project LEGO-I, adding Unit Tests, testing ordering algorithms and improvements to GUI
- **LEGO-I: Conversion of LEGO Digital Designer to ABB RobotStudio** Complete
Complimentary Project
 - Backwards engineering of LXFML files, conversion to a ABB RobotStudio format using Python

Skills

- Languages
 - English, mother tongue
 - French, fluent
 - German, fluent
- Programming Languages
 - Python
 - Javascript
 - Java
 - Shell languages: Bash/zsh/fish
 - C#

Hobbies

- Programming languages
- Reading tech news
- Rugby
- 300m Rifle Shooting