Owen McGill

Software engineer fascinated by technology
02.05.1991 / Swiss
Rue de l'Industrie 7, 1700 Fribourg

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mcgillowen(at)gmail(dot)com
076/822 50 16
github.com/mcgillowen

Profile

Software engineer with experience in solving complex problems, using the best tool/language available. Always looking for new ways to solve problems in an efficient and reusable way, be it learning new languages or new ways of solving problems.

Passionate about distributed systems and their growth in recent years.

Experience

- **Software Engineer** — Fribourg
  Riedo Networks SA — *September 2018 - Present*
  - Multi-threaded Modbus Poller for embedded OS (Yocto) using C, pthreads and libmodbus
  - Lightweight "DCIM", PDU measurements aggregator using Golang, SQL and gRPC
  - Test System for power metering device using Python and multi-threaded Qt (PySide2)
  - Serial Number Management Tool using Python with Django
  - Developer Infrastructure Management (GitLab, Docker Containers with Portainer)

- **Software Developer** — Fribourg
  Nixit Informatique Sàrl — *June 2017 - July 18*
  - Django/Python Web Applications
  - EmberJS Web applications
  - Embedded Solutions with Raspberry Pi
  - Management of Docker server

Education

- **School of Engineering and Architecture of Fribourg-HEIA-FR** — Fribourg, Switzerland
  BSc — *2015 - 2018*
  - Computer Science
  - Bilingual degree: French and German
  - Bachelors Project: Scalable Web Services for Machine Learning (Written in German)
  - 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

Skills

- Languages

  - English, mother tongue
  - French, fluent
  - German, fluent

- Programming Languages

  - Python
  - Javascript
  - Java
  - Golang
  - C#
  - Shell languages: Bash/zsh/fish