

Kevin Grandjean

Bachelor of Science in Computer Science

CONTACT

HELLO@MUSCAW.DEV

LANGUAGES

FRENCH

Mother tongue

ENGLISH

C1 (CEFR)

GERMAN

A2-B1 (CEFR)

SKILLS

PROGRAMMING

Java, Python, C, C++, C#, Go

WEB FRAMEWORKS

Spring, Django, DRF, .NET Web API, Vue.js

CI/CD

Git, GitHub, Jenkins, Sonar, GithubQL, Coverity, NexusIQ

CLOUD AND INFRA

AWS (usage and governance), Openstack Terraform, Ansible

PERSISTENCE/MESSAGING

MongoDB, MySQL, Postgres, Redis, SQLite
RabbitMQ, Kafka

INTERESTS

3D printing, DIY (Arduino), Reading, Homebrewing

EXPERIENCES

VERISIGN | SOFTWARE ENGINEER

December 2020 - July 2023 | Fribourg, CH

- Design and development of internal CI/CD tooling to improve release cycle speed while keeping an accurate audit log
- Implement governance controls into AWS organization to allow for a secure and fast AWS usage by the company
- Procurement and setup of SAST tools for usage by the whole technical organization
- Create and maintain internal common libraries and docker images

FAIRTIQ | SOFTWARE ENGINEER

January 2018 - November 2020 | Bern, CH

- Development and maintenance of the backend for the FAIRTIQ application
- Design and implementation of reusable solutions for external clients
- Design and implementation of migrations with zero downtime
- Design and implementation of the new payment system

KOORD SÀRL | SOFTWARE ENGINEER

July 2017 - September 2017 | Villaz-St-Pierre, CH

Creation of a software allowing clients of the KOORD Sàrl to configure their motor controlling card developed in-house

HEIA-FR | BACHELOR PROJECT

May 2017 - July 2017 | Fribourg, CH

Creation of a fair allocation algorithm to allocate the activities of the "Passeport vacances Fribourg" to the children taking part in the activities. The algorithm designed is a genetic algorithm that allows a combinatorial optimization under constraints

HEIA-FR | SEMESTER PROJECTS

September 2017 - May 2017 | Fribourg, CH

- Design and implementation of an algorithm using Machine Learning to extract the weather condition information of webcam images of ski stations
- Design and implementation of a software allowing a drone to know its relative position to iBeacons by using a trilateration based algorithm on the distances extracted from the signal strength

RTFM | ROBOTICS TEAM MANAGER AND DEVELOPER

September 2014 - May 2017 | Fribourg, CH

- Management of the HEIA-FR robotics team (RTFM) in the different stages of the Eurobot competition (competition of autonomous robots). Also searched sponsors for the team
- Design and implementation of the software controlling the autonomous robots. The robots have to score the maximum of points in a limited time frame. The robots have to take into consideration a set of fixed obstacles as well as dynamic obstacles (opposite team's robots)

EDUCATION

HEIA-FR | BACHELOR OF SCIENCE IN COMPUTER SCIENCE

September 2014 - July 2017 | Fribourg, CH

VOCATIONAL SCHOOL FRIBOURG | CFC IN COMPUTER SCIENCE

August 2010 - July 2014 | Fribourg, CH