

# KEVIN GUILLAUMOND

Richmond, BC, Canada

604-653-2032

kevin.guillaumond@gmail.com

kevinguillaumond.com

## SOFTWARE ENGINEER

Software Engineer interested in machine learning, CI infrastructure, and writing good code in a well-organized team. Looking for a challenging opportunity to further enhance my software development and machine learning skills while improving the team's processes.

### TECHNICAL SKILLS

**Programming Languages:** C# (.NET), Python, Ruby on Rails, Java, C++

**Tools:** Scrum, Git, Jenkins, Zabbix

### WORK EXPERIENCE

#### Global Relay Communications

Vancouver, Canada

*Software Engineer - Information technology services*

*Aug 2016 – Dec 2018*

- Main developer of a client/server system that extracts data from compliance databases (PostgreSQL), encrypts it and stores it in our archiving system. The clients are C# Windows services and the server is a REST HTTP API
- Participating actively in improving processes, including test automation (Python), CI (Jenkins) and monitoring
- As a Scrum Master, maximize the team's efficiency by ensuring the Scrum principles are understood and followed

#### Whitespace Software Limited

London, United Kingdom

*Software Engineer - Information technology services*

*Mar 2015 – Mar 2016*

- Developed a variety of systems for Lloyd's Members Agents, in C on Linux and in C# / SQL server
- Created a testing environment by setting up a test server and initiated unit testing of the C# code

#### Easytech Madagascar

Antananarivo, Madagascar

*Software Engineer (Intern) - Business process outsourcing*

*Apr 2014 – Sep 2014*

- Improved a process chain for the conversion of books into structured XML files, which resulted in a 200% speed increase. Lead a team of two in the development of a C# application as part of this process.
- Initiated to simplify project management by automating tasks such as allocating work to appropriate employees

### EDUCATION

#### Continuing Education

- Completed the Machine Learning course from Stanford University via Coursera - *January 2018*

#### Ecole Nationale Supérieure des Mines de Saint-Etienne – ISMIN

Gardanne, France

*Master's degree in Computer Engineering*

*Sep 2009 – Sep 2014*

- Courses in software (C, C++, Java, SQL, OS, Networks, TCP/IP, Linux), hardware (microelectronics, automation, microcontrollers, robotics, VHDL) and project management
- Includes a two-year intensive preparation program for national competitive entrance exams of leading French engineering schools, from September 2009 to June 2011
- Includes an exchange semester at ETH Zurich (Switzerland), studying robotics, game theory and AI

## TECHNICAL PROJECTS

### kevinguillaumond.com

*Sep 2018 – present*

- Building my static personal website from scratch and with automatic daily deployment
- Technologies used: HTML, CSS, GitLab Pipelines, AWS

### worldcubeassociation.org

*Oct 2017 – present*

- Contributing to the World Cube Association website
- Technologies used: Ruby on Rails, MySQL

### Super Mario World

*Apr 2015 – Sep 2015*

- Recreated Nintendo's hit in C++ with SFML, in my free time
- Developed the project from scratch: including system specifications, design, code, reviews, and release of an Alpha version

### “Si poteris narrare, licet”

*Mar 2013 – Jun 2013*

- Created a 3D iPad application which simulates the inside of a dome: the user moves the iPad around to observe different parts of the dome and can zoom in to view details
- Technologies used: Unity, Javascript, C#

## VOLUNTEERING, ACTIVITIES, AND INTERESTS

### M-GaTE, a Student Consulting Company

Gardanne, France

*Project Manager*

*Mar 2012 – Mar 2013*

- The company is run by volunteers and hires students to perform IT / microelectronics projects for local firms.
- Managed various projects from beginning to end: finding a client, signing the contract, hiring developers among students, and continuously managing the project through the technical specifications to the test phase.

### Bureau des Arts, a Student Association promoting art in the school

Gardanne, France

*Member in charge of the music*

*Apr 2012 – Apr 2013*

- Organized a concert in the school: communicating with school staff and students, coordinating the musicians, setting up the stage
- Organized several evenings outside the school to attend art related events: negotiating a deal, coordinating transportation

### Rubik's cube

*Since 2009*

- Took part in more than 50 competitions in 8 countries; former titleholder of the French record for the 2x2x2 cube.
- Organized three competitions (one-day events for approximately 30 people): seeking sponsors, arranging food and accommodation, ensuring the day runs smoothly and according to schedule.
- Assisted with several other competitions, including the 2017 World Championship.

### Hobbies and interests

- Music (drums), Basketball, Poker, Skiing, Traveling