



# Robin Mamié

-  25<sup>th</sup> July 1994
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## About me

I am currently studying computer science at EPFL by completing a Master's degree and possibly a PhD. My main interests lie in software systems and data analytics. I am also involved in Olympic wrestling as an international referee and as the official translator of the Swiss Wrestling Federation.

## Languages

Mother tongue — French

2<sup>nd</sup> language — German (C1)  
Bilingual *maturité* & translations

3<sup>rd</sup> language — English (C2)  
Cambridge English Level 3  
Certification in ESOL International (Advanced) – Grade A (June 2015)

## IT

Languages:  
Java, Python, C, Go, Scala, C++, SQL, Chisel, Assembly, VHDL, Javascript, and also LaTeX, HTML, CSS

Extended knowledge with Linux, I mainly use the Arch Linux distribution

## Education

- From 2019 **Master of Science in Computer Science** EPFL  
Specialization in Software Systems  
GPA after 2 semesters: 5.58/6.0
- 2015-2019 **Bachelor of Science in Computer Science** EPFL  
Started with 1 year in Mathematics  
GPA: 5.43/6.0
- 2015 **Language course** St. Clare's, Oxford, UK  
English, 12 weeks  
Finishing with the CAE, Grade A (C2 level)
- 2010-2014 **Bilingual *Maturité* (FR-DE)** Collège Sainte-Croix, Fribourg  
Specific option: physics (FR) and applied maths (DE)  
Additional option: political sciences  
Average: 5.32

## Practical Experience

- from 2019 **Student Assistant** EPFL  
Assistant for programming courses in Java, C, Python, and for hardware-oriented courses using VHDL, assembly, OpenMP, CUDA. Complete development of exams for Bachelor freshmen students, in C and Python, and for Bachelor 2<sup>nd</sup> year students in computer science, in Assembly.
- from 2018 **Software maintenance** Municipality of Courtepin  
Database software maintenance for the municipal library.
- from 2017 **Translator, Interpreter** Swiss Wrestling Federation (SWFE)  
Translation in: French, German, English
- from 2011 **Olympic Wrestling Referee** United World Wrestling (UWW) & SWFE  
International UWW Referee, category II. Referee for the Swiss National Leagues. Chief referee and webmaster of the FSRLA, the Swiss French wrestling association. Member of the Swiss Referee Commission.
- 2012-2018 **Freelance Sports Correspondent** La Liberté et La Broye  
Sports Correspondent of the CO Domdidier (Olympic wrestling).
- 2014-2015 **Soldier, long duty – strategic radio explorer** Swiss Army  
Close cooperation with the Swiss Confederation's intelligence service.

## Projects

- 2018 **Software Development Project** Java  
Android application development in a team of 6, using Scrum. Sprints were planned on a weekly basis.
- 2018 **Bachelor's Semester Project** Chisel  
Creation of a processor in Chisel, a hardware description language based on Scala.
- 2019 **Decentralized Systems Engineering** Go  
Development of Peerster, a peer-to-peer chatting software using the gossiping protocol.
- 2019 **Master's Semester Project** Python  
Development of a tool allowing the automatic creation of unit tests from a given solution file. Developed for the Java exercises given via the EPFL MOOCs.
- 2020 **Master's Semester Project** Python  
Data analytics, subject: The "Manosphere" on YouTube and its ties to the Alt-Right