



# Robin Mamié



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

## Practical Experience

from 2021	Engineer trainee	Federal Supreme Court of Switzerland
from 2019	Student Assistant Assistant in Java, C, Python, VHDL, assembly, OpenMP, CUDA. Development of exams in C, Python and assembly. Co-responsible of the EPFL official coronavirus webpages. Page layout of EPFL's annual reports (2018-2020).	EPFL
from 2018	Software maintenance Database software maintenance for the municipal library.	Municipality of Courtepin
from 2017	Translator, Interpreter Translation in: French, German, English	Swiss Wrestling Federation (SWFE)
from 2011	Olympic Wrestling Referee 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.	United World Wrestling (UWW) & SWFE
2012-2018	Freelance Sports Correspondent Sports Correspondent of the CO Domdidier (Olympic wrestling).	La Liberté et La Broye
2014-2015	Soldier, long duty – strategic radio explorer Close cooperation with the Swiss Confederation's intelligence service.	Swiss Army

## Projects

2018	Software Development Project Android application development in a team of 6, using Scrum. Sprints were planned on a weekly basis.	Java
2018	Bachelor's Semester Project Creation of a processor in Chisel, a hardware description language based on Scala.	Chisel
2019	Decentralized Systems Engineering Development of Peerster, a peer-to-peer chatting software using the gossiping protocol.	Go
2019	Master's Semester Project 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.	Python
2020	Master's Semester Project Data analytics, subject: The "Manosphere" on YouTube and its ties to the Alt-Right	Python