Robin Mamie

ℹ 25th 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. 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

2nd language — German (C1)
Bilingual *maturité* & translations

3rd 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, having the Arch Linux distribution on my PC

Education

From 2019	**Master of Science** Computer Science Average after 1 semester: 5.63	EPFL
2015-2019	**Bachelor of Science** 1 year in Mathematics, then Computer Science Average: 5.43	EPFL
2015	**Language course** English, 12 weeks Finishing with the CAE, Grade A (C2 level)	St. Clare's, Oxford, UK
2010 - 2014	**Bilingual *Maturité* (FR-DE)** Specific option: physics (FR) and applied maths (DE) Additional option: political sciences Average: 5.32	Collège Sainte-Croix, Fribourg

Practical Experience

from 2019	**Student Assistant** Assistant for programming courses in Java, C, Python, and for hardware-oriented courses using VHDL, assembly, and the C libraries OpenMP and CUDA. Complete development of exams for Bachelor freshmen students, in C and Python, and for Bachelor 2nd year students in computer science, in Assembly.	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

Java	**Software Development Project** Android application development in a team of 6, using Scrum. Sprints were planned on a 1-week basis.	2018
Chisel	**Bachelor's Semester Project** Creation of a processor in Chisel, a hardware description language based on Scala.	2018
Go	**Decentralized Systems Engineering** Development of Peerster, a peer-to-peer chatting software using the gossiping protocol.	2019
Python	**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.	2019