



Robin Mamie

- 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 EPFL
Average after 1 semester: 5.63
- 2015-2019 Bachelor of Science EPFL
1 year in Mathematics, then Computer Science
Average: 5.43
- 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, 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.
- 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

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