

# ROMAIN MENDEZ

MSc Student at EPFL

@ Romain.Mendez@protonmail.com ☎ +336 15 01 85 62  
📍 35, Route Cantonale, 1025 Saint-Sulpice VD, Suisse 🌐 Github.com/RomainMendez



## EDUCATION

### Master in Communication Systems

**Ecole Polytechnique Fédérale de Lausanne**

📅 September 2018 – Autumn 2020 (ongoing)

#### Specialisation in CyberSecurity

Classes include : TCP/IP Networks, Machine Learning, Cryptography and Security, Advanced Cryptography, Algebraic Curves for Cryptography, Software Security, Media Security, Information Security and Privacy, Decentralized Systems Engineering, Advanced Topics in Privacy Enhancing Technologies, Mobile Networks.

### Bachelor in Communication Systems

**Ecole Polytechnique Fédérale de Lausanne**

📅 Sept 2015 – June 2018

With a 1-year Erasmus exchange in the Royal Institute of Stockholm (KTH)

Classes Include : Building Networked System Security, Functionnal Programming, Parallelism and Concurrency, Digital Signal Processing, Mechanical Physics, Linear Algebra, Real Analysis, Complex Analysis, Algorithms, Artificial Intelligence

### Baccalauréat Scientifique, Science de l'Ingénieur

**Lycée Jean-Monnet Annemasse**

📅 September 2012 – June 2015

Distinction "Très bien" (Very good)

## EXPERIENCE

### Core Member, polygl0ts

**EPFL CTF Team**

📅 September 2018 - Present

- Placed second in Academic teams @ Insomni’Hack 2019

### Internship on 4G/5G Security @ Swisscom Digital Lab

**Security Research**

📅 August 2019 - February 2020

- Set up real world attacks with Software Defined Radios
- Mainly on 4G
- Theoretical research on 5G and 4G

### Building a mock enterprise network in team

**Class in exchange @ KTH**

📅 Spring 2018

- Setup of secure web server and file transfer
- Communication between different offices (with VPN bridging LANs)

## MOST PROUD OF

🏆 **Good Results with the polygl0ts**  
We were ranked in the top 75 on ctf-time.org last year

🏆 **Great first professional experience**  
During my internship at Swisscom I received a letter of recommendation

## PROGRAMMING, TOOLS

C C++ x86 Assembly Java  
Scala Python C# LaTeX Go

IDA Free Ghidra Wireshark GDB  
AFL Git PwnTools

## LANGUAGES

French ⚡ ⚡ ⚡ ⚡ ⚡

English ⚡ ⚡ ⚡ ⚡ ⚡

Spanish ⚡ ⚡ ⚡ ⚡ ⚡

## ASSOCIATIVE LIFE ON CAMPUS

### Musical EPFL

**In charge of communication**

📅 March 2019 – September 2019

Helping organise events and run the social media platforms

**Vice President**

📅 September 2019 – Ongoing

Running the association and making sure projects go forward and reorganize the committee

## OTHER ACTIVITIES

- Musician (Piano & Keytar & Guitar)
- Worked as Student Assistant in multiple courses

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## Project at Junior Entreprise EPFL

### **Web development**

 Summer 2018 - May 2019

- Build a search system for a website in Django with ElasticSearch