

# Coudert Rémi

CYBER SECURITY AND DATA ENGINEER

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## Education

### EPFL - Lausanne Institute of Technology

Lausanne, Switzerland

MSC. AND BSC. COMPUTER SCIENCE AND ENGINEERING

Sep. 2014 - July 2020

- One year abroad at ENS (Ecole Normale Supérieure) Lyon, France
- Eng. internship at Logitech, semester project at SPRING lab (EPFL), Master Thesis in PRIVATICS team (INRIA)

## Experience

### Software Engineer

Thonon-les-Bains, Thonon

KOMUGI, THONON-LES-BAINS

September 2022 -

- Algorithms : In depth work on a scheduling algorithm for the Komugi software
- Backend : PHP, PostgreSQL, Api Platform, Doctrine ORM
- DevOps AWS : VM Setup, Docker, Terraform, RDS, IAM...

### Cyber Security Engineer

Lausanne, Switzerland

ELCA SECURITY, LAUSANNE

November 2021 - June 2022

- Part of the cloud security team
- IAM, new SOC preparation, Azure, Azure Sentinel

### Research Engineer

Lausanne, Switzerland

INFORMATION SECURITY AND PRIVACY LAB, LAUSANNE UNIVERSITY

September 2020 - August 2021

- Work on multiple projects as the lab engineer
- Genomic privacy, wearables privacy, Checksums analysis

### Master Thesis

Grenoble, France

PRIVATICS TEAM, INRIA

February - July 2020

- Work on Dark Patterns and more specifically Cookie Banners/Consent Banners and their automatic detection and analysis
- Supervisor : Claude Castelluccia
- Thesis cited on Google Scholar
- Keywords : Privacy, Dark, Patterns, Consent, Cookies, GDPR, Data analysis, Jupyter, Data Scraping

### Master Semester Project

Lausanne, Switzerland

SPRING LAB (EPFL)

August 2019 - January 2020

- Semester long project focusing on making sensitive (journalism) articles easier to reference, and automatically do so
- Supervisors : Carmela Troncoso and Wouter Lueks
- Keywords : Privacy, Cryptography, Web extension, PKI, Security

### Engineering internship

Lausanne, Switzerland

LOGITECH

February - August 2018

- Crawl and Scrapping and analysis of data from CSGo games, use of ML to detect KPIs and find new pro players.

### Google Summer of Code 2017

SCALA ORGANIZATION

June - August 2017

- Scala Native project, an ahead of time compiler for the Scala programming Language.
- Multithreading implementation using a mix of a reimplement of Java concurrency in Scala, and native code in C.

## Skills

**Programming** Python, Java, C, C++, Scala, GO, Python, JavaScript, Erlang, Ocaml (notions)

**Cybersec** Metasploit, Burp, Azure, Cryptography

**misc** LaTeX, Unix environment, Docker, Bash, Jupyter, Pandas, sklearn

**Languages** English (C1-C2), French (native)

**Interests** Privacy, Compilers, Algorithms, CS Theory, Data Science, Social and political sciences, Ethics

## Extracurricular Activity

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- Former member of Polyquity, EPFL's student association for gender equality for 2 years. Vice President for 6 months.
- Former member of the national French American Football U19 team and 2014 World Championship participant
- American Football coach (U16)
- Computer tinkerer
- Gamer : LEM in CSGO - Diamond in Rocket League, WoW, AC, R6, Overwatch, SC2...
- Privacy enthusiast