

Coudert Rémi

RESEARCH ENGINEER IN INFORMATION SECURITY AND PRIVACY

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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

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

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
- 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

- 6 Months long internship at Logitech working on a project involving ESports and data analysis
- Keywords : Machine Learning, Data analysis, Jupyter notebooks, Data Scraping, Docker, Kubernetes, GPU Farm, C++, Python

Google Summer of Code 2017

SCALA ORGANIZATION

June - August 2017

- I took part in Google Summer of Code 2017 for the Scala Native project, an ahead of time compiler for the Scala programming Language.
- My task was to implement multithreading for Scala Native using a mix of a reimplement of Java concurrency in Scala, and native code in C.

Laushack Project : MoodleHub

Lausanne

HACKATON

November 2017

- I attended Laushack (Lausanne Hackaton) in which I implemented with a friend MoodleHub.
- MoodleHub is a tool that lets people download and update automatically and locally the moodle courses they are enrolled to.

Skills

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

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

Languages English (C1), French (native)

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

Extracurricular Activity

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