

Coudert Rémi

SOFTWARE ENGINEER

Thonon-les-bains, France

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Looking for hybrid opportunities in {Lausanne, Geneva, Thonon} area or Full Remote in France and EMEA

Education

Ecole Polytechnique Fédérale de Lausanne (EPFL)

Lausanne, Switzerland

MSC. AND BSC. COMPUTER SCIENCE AND ENGINEERING, SOFTWARE SYSTEMS SPECIALIZATION

Sep. 2014 - July 2020

- One year abroad at ENS (Ecole Normale Supérieure) Lyon, France
- Master Thesis in PRIVATICS team INRIA (Privacy, Research, Python, Data Scraping), cited twice

Experience

Software Engineer and DevOps

Thonon-les-Bains, Thonon

KOMUGI, THONON-LES-BAINS

September 2022 -

- Algorithms : In depth work on a scheduling algorithm for the Komugi APS/MES software
- **Backend** : PHP 8 & Symfony, PostgreSQL, Api Platform, Doctrine ORM | **DevOps** : AWS, Docker, Terraform, VM admin

Cyber Security Engineer

Lausanne, Switzerland

ELCA SECURITY, LAUSANNE

November 2021 - June 2022

- Cloud security team. Keywords : IAM, new SOC preparation, Azure, Azure Sentinel

Research Engineer (Research, Data Analysis, Data Viz)

Lausanne, Switzerland

INFORMATION SECURITY AND PRIVACY LAB, LAUSANNE UNIVERSITY

September 2020 - August 2021

- Work on multiple projects as the lab engineer, second author to one publication
- Keywords : Genomic privacy, wearables privacy, Checksums analysis, Python, Pandas, Mathplotlib

Master Thesis (Research, Privacy)

Grenoble, France

PRIVATICS TEAM, INRIA - SUPERVISOR : CLAUDE CASTELLUCCIA

February - July 2020

- Work on Dark Patterns and more specifically Cookie Banners/Consent Banners and their automatic detection and analysis. Cited twice on Google Scholar
- Keywords : Privacy, Dark, Patterns, Consent, Cookies, GDPR, Data analysis, Jupyter, Data Scraping

Engineering internship (Data science, Machine Learning)

Lausanne, Switzerland

LOGITECH

February - August 2018

- Crawl and Scrapping and analysis of data from CSGO games, use of Machine Learning to detect KPIs and find new pro players.

Google Summer of Code

Lausanne, Switzerland

SCALA ORGANIZATION (SCALA NATIVE)

Summer 2017

- Scala Native Multithreading implementation using a mix of a reimplementation of Java concurrency library in Scala as well as native code in C (using Unix pthreads)

Skills

Prog. Languages	PHP, Python, Scala, Java, C, C++, GO, Rust, Ocaml
Comp. Sci., Software Eng.	Design patterns, Data Science/Machine Learning, Cryptography, Compilers, Scientific Communication
Tools	AWS, Git, Docker, PostgreSQL, \LaTeX , Unix environment, Bash, Jupyter, Pandas, scikit-learn
Frameworks	PHP Symfony, Doctrine ORM, API Platform
Spoken Languages	English (C2), French (native)

Extracurricular / Misc stuff about me

- Former Polyquity staff, EPFL student association for gender equality for 2 years. Vice President for 6 months.
- Former player on French national American Football U19 team and 2014 World Championship participant
- 3 years tenancy as U16/U17 Head Coach @Thonon Black Panthers (2023 Swiss Semi finalists)