Thomas Leroy
LOOKING FOR A REVERSE ENGINEER POSITION

@https://lthomasmp.github.io
@https://www.linkedin.com/in/thomas-leroy-31786a138

✉ thomas.leroy.mp@gmail.com
☎ 06 50 64 46 22

Interests

Music I have played drums since the age of 14, both solo and in the band "*Malabar Princess*". We write our own songs and play a handful of gigs a year. I enjoy speaking with people about music.

Computer Science Development of app on my free time. I love learning new skills and new knowledge about security and how computers work. **Newbie blogger, binary exploitation and malware analysis lover and online privacy enthusiast.**

Sciences Keen interest in fundamental sciences: I love reading articles, watching and attending lectures. **I like teaching what I learn, and vulgarizing.**

Languages

English Fluent

German Intermediate

French Mother tongue

Personal projects

- Participation in online **Capture The Flag challenges**
- Creation of a personal **blog** about computer security
- **Python** app starting Spotify music depending on your supposed mood
- Implementation of AES encryption **in C**
- **Python** app monitoring my school's educational website

Skills

Computer Science

- **Experienced in:** Linux, Python, Networking, Reverse engineering using GDB, IDA Pro and WinDbg, Malware analysis, Network security
- **Good bases in:** C, C++, System security, Forensic, OS Security, Web security, Bash, Java, JavaScript, PHP, MySQL, Cryptography

Work experience

From June 2018 to August 2018

Cybersecurity research intern
University of Bristol Bristol, UK

Research for a solution to gather and to secure data from remote sensors and visualization on a client application. Research paper on going redaction - mentored by Prof. Awais Rashid and Dr. Barney Craggs
Key skills acquired: C, Python, Low level Networking, Arduino

From July 2017 to August 2017

Software engineer intern
CYIM Rennes, France

Development of a client-server video compression micro-service.
Key skills acquired: Linux, JavaScript, NodeJS, RabbitMQ

From 2017 to 2018

Football coach
Bureau des Sports - Télécom Saint-Etienne Saint-Étienne, France

College association

Education

From 2018 to 2019

MSc Exchange student
Télécom SudParis Évry, France

Major: System and network security
Relevant courses: Attack detection, Audit and risk management; Network security and filtering; System and web security; Authentication, cryptography and virtual networks

From 2016 to 2018

Master of Science
Télécom Saint-Etienne Saint-Étienne, France

Major: Computer science, Networking, Security - with Honors

From 2014 to 2016

French preparatory class
Lycée Clemenceau Nantes, France

Mathematics and Physics studies to train for the competitive national exam leading to French "Grandes Écoles".

Academical projects run

- MSc graduation project about phishing, development of malicious Word/Excel macros obfuscator in **Python**, and PDF malwares development (team of **2**)
- Current carrier handover creation for video monitoring for tramway of Lyon **in C** (team of **6**)
- **Java** application using a Marvel API (team of **4**)
- **JavaScript** Lord of The Ring web game (team of **2**)
- **C++** interactive class yearbook (team of **2**)
- **C++** console implementation of Pokémon (team of **2**)