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## 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, 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**
- Attended conferences: **SSITC 2019**
- Creation of a personal **blog** about computer security
- Implementation of AES encryption in **C**
- **Python** app monitoring my school's educational website

## Skills

### Computer Science

- **Experienced in:** Linux, Python, Go, C, Networking, Network security, Filtering
- **Good bases in:** x86 Assembly, Binary exploitation, Reverse engineering with GDB, IDAPro and WinDbg, Malware analysis, System security, Windows Security, Forensic, Web security, Cryptography, C++, Bash, Java, JavaScript, PHP, MySQL

## Work experience

- 02-2019 - 08-2019 **Security consultant intern**  
**CNS Communications** Paris, France  
MSc graduation internship  
- **Networking consulting missions:** Cisco SDN implementation, DMZ implementation, network architecture.  
- **Software engineering:** Network security check tools building in Go, C and Python, firewalling tests conception in a Go infrastructure as code.  
**Key skills acquired:** Go, C, Python, network security and network computing, Elastic technologies, Docker
- 06-2018 - 08-2018 **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, Networking, Arduino
- 07-2017 - 08-2017 **Software engineer intern**  
**CYIM** Rennes, France  
Development of a client-server video compression micro-service.  
**Key skills acquired:** Linux, JavaScript, NodeJS, RabbitMQ

## Education

- 2018 - 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 - with Honors
- 2016 - 2018 **Master of Science**  
**Télécom Saint-Etienne** Saint-Étienne, France  
■ **Major:** Computer science, Networking, Cryptography and security - with Honors  
■ **College association:** Football coach
- 2014 - 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)
- **Java** application using a Marvel API (team of 4)
- **C++** console implementation of Pokémon (team of 2)