








# Nathan Stchepinsky

Looking for a permanent contract in Cybersecurity (Blue or Red team) starting in September 2024.

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## EXPERIENCES

### CYBERSECURITY SOC ANALYST (L1, L2 & L3) | I-TRACING

February 2024 - August 2024 | Montreal, Canada

- Responsible for overseeing layers 1, 2, & 3 of security events, including investigation, incident response, and remediation using EDR and SIEM tools.
- Operate independently during shifts, proficient in Incident Response Plans, playbook development, threat hunting and real-time attack mitigation strategies.

### PENTESTER RED TEAM & BLUE TEAM | DENTAL MONITORING

June 2023 - August 2023 | Paris, France

- Investigation of defenses and vulnerabilities assessment across all Dental Monitoring platforms (Web Application, AWS, APIs, mobile applications, etc.).
- Designing defensive strategies and training of engineers in pentest.

### SYSTEM AND NETWORK ADMINISTRATOR - PRESIDENT | MINET ASSOCIATION (ISP)

September 2021 - August 2023 | Paris, France

- In charge of the Internet Service Provider for 900 student accommodations at Télécom SudParis (Non-profit organization since 1991).
- Management of a team of 30 volunteers, 4 clubs, a network infrastructure spanning 8 buildings, and a budget of \$150,000 CAD per year.

### PENTESTER RED TEAM | DENTAL MONITORING

June 2022 - August 2022 | Paris, France

- Researching and exploiting vulnerabilities across all Dental Monitoring platforms and creating a vulnerability report for developers and the IT team.

## PROJECTS

### CREATION OF A MULTIPLATFORM TOTP CLIENT : ZERO-TOTP

July 2023 - Now

- Development of 3 open sources applications (web, iOS and command line) storing TOTP codes using Zero-Knowledge Encryption.
- Replication of the encrypted vault thanks to OAuth2 on any storage cloud platform (e.g. Google Drive).

### DEVELOPMENT OF A CLOUD IAAS PLATFORM

September 2021 - August 2023

- Development of an open source web application (with Flask and Angular) using transparently the Proxmox's API to host virtual machines for free. The dedicated infrastructure is composed of 3 hypervisors and 3 storage servers using CEPH distributed storage solution.

### DEVELOPMENT OF AN IOS APPLICATION : ILOCKED

December 2020 - August 2021

- Development of an open source iOS application, enabling anyone to easily share confidential information through unencrypted channels, by encrypting them before sending them.
- More than 300 downloads and 20.000 impressions.

## SKILLS

### PROGRAMMING

Bash • Java • Python • Swift •  
• React • PHP • C • Ansible

### PLATFORMS

Docker • Kubernetes • CEPH •  
Gitlab CI/CD • Proxmox • GIT

### LANGUAGES

French (native) • English (C1) •  
Spanish (B1/B2)

## EDUCATION

### POLYTECHNIQUE MON- TRÉAL

MONTRÉAL, QUÉBEC | 2023 - 2024

Studied courses

DevSecOps • Cloud Security  
• Distributed Systems and  
Cloud Computing

### TÉLÉCOM SUDPARIS INSTITUT POLYTECHNIQUE DE PARIS

PARIS, FRANCE | 2021 - 2024

Studied courses

Network • Cloud •  
Cybersecurity

### PREPARATORY CLASS FOR HIGHER EDUCATION INSTITUTIONS

NANCY, FRANCE | 2019 - 2021

Maths Physics

## DIPLOMA

### FIRST AID TRAINING CER- TIFICATE

2022

### PROJECT MANAGEMENT CENTRALE LILLE (MOOC)

2021