



ALEXANDRE KHALFALLAH

ENGINEER LOOKING FOR A
CYBERSECURITY OPPORTUNITY.

Mobile in Europe
3 years of experience
Available from 15 october 2024
alexandre.khalfallah@epfedu.fr
+330648209044

SOFT SKILLS

- Dynamic and motivated
- Sensibility to team spirit
- strength of proposition and creativity

HARD SKILLS

- Python
- C
- Javascript
- Java
- Firewall setup
- Network achitecture
- Industrialisation process

LANGUAGES

- English : fluent (TOEIC 930)
- Spanish : Professional (level B1)
- German: B2
- French : Native

OTHER

- Assistant CISO
- Freelance Consultant
- Java Consultant Junior Factory
- Volunteering Vietnal and England
- Certified Security+ and ISC2 CC

EXPERIENCES

Engineer cybersecurity Architect Railway

SBB (Swiss railway company)
(September 2023 - February 2024)

- Risk analysis on railway
- OS hardening on maintenance computers
- Analysis of train infrastructure with IEC62443
- CSIRT process
- Train network pentesting using gateway

Research assistant space cybersecurity

Johns Hopkins, USA
(August 2022 - June 2023)

- AIAA 2024 publication "Emergency Response Team Framework for Space Systems (ERTFSS)"
- Writing articles inter-satellite communication using neutrons
- Work on creation of framework for Emergency Response Team
- Work on a project of ground station security
- Creation of honeypot for space ground station (Docker)

Cybersecurity engineer GRC

INOVIE Group, Paris Saclay
(September 2021 - August 2022)

- Network analysis of a medical laboratory with EBIOSRM
- Assistance with the implementation of the security policy
- Implementation of logs and internal monitoring tools
- Infrastructure of projects and guideline to follow policy
- Planning and definition requirements to match policy

Research engineer in Artificial Intelligence

CNRS
(September 2020 - February 2021)

- Realization of 3D image generation AI (GAN) -Application on electrode structures
- Implementation in python (keras,tensorflow)
- Matlab stochastic generation algorithm

EDUCATION

EPF (Generalist engineering school)

Engineer in Computer Science
(September 2016-May 2021)

- Audit Methodology (ISO 2700X...)
- Operational security (Burp, Metasploit...)
- Organizational security (EBIOSRM...)
- Agile Method and Management
- Cryptography
- Computer and mobile forensics (Autopsy, volatility)