Ivan KRIVOKUCA

Cybersecurity Student
French Nationality

23 years old ⌂ Île-de-France (near Paris)
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FORMATION

Master in Computer Science – Cybersecurity and E-Health 2023 – 2025
Université Paris Cité

Master 1 – Cryptology, High-Performance Computing, and Algorithmics 2022 – 2023
Sorbonne University

Bachelor's Degree in Computer Science 2018 – 2022
Université Sorbonne Paris Nord - Institut Galilée *With honours*

Scientific Baccalaureate with a Specialization in Mathematics 2018
Lycée Jean Zay - Aulnay-Sous-Bois

COMPÉTENCES

Languages: French (native), English (Advanced/C1), German (Beginner/A2), Serbian (Basic knowledge)
Programming: Python, C/C++, Bash/Shell, Java, Javascript/JQuery, PHP, R, Assembleur MIPS, OCaml
Tools: Git/GitHub, LaTeX, Docker, Kubernetes, VMWare/Virtualbox, Wireshark, Nmap, OpenSSL
OS: Windows, Debian
Certification: Mooc ANSSI, CNIL

EXPÉRIENCE

Web Developer | *Aïdemo Consulting, Paris* May 2022 – Jul 2022
- Created an e-learning platform using JQuery and Bootstrap for the front-end and PHP, MySQL for the back-end
- Implemented security algorithms to protect user data
- Managed and maintained websites under WordPress, administered web servers and hosting via OVH

PROJETS

Active Defense with Honeypot Network ↗ February 2024 – May 2024
- Installed and configured various types of low/high interaction honeypots and a Honeynet (T-Pot)
- Collected and analyzed logs to identify intrusion attempts and attacker techniques

Kubernetes Project ↗ | *Flask/Python, Docker, Kubernetes, Minikube, Istio, MySQL, Nginx* February 2024 – April 2024
- Developed and deployed a web application based on Flask (Back-End) and Nginx (Front-End) with a MySQL database
- Configured and managed deployments with Docker, Kubernetes, Kubectl, and Istio
- Implemented security with RBAC and mTLS, and configured HTTPS with self-signed certificates