



Contact

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Saulnes, France

Driving License

B Category - Car

Linktree

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Languages

French - Mother Tongue

English - C1

German - A2+

Tamil - Mother Tongue

Skills

Technical skills

- Coding: Java, Python, Swift, C, HTML, CSS, JS
- Graphical tools: Adobe Photoshop/After Effects, Gimp, Blender
- Cybersecurity tools: Metasploit, Burpsuit, Hydra, Nmap, ...

Certifications:

- Microsoft office specialist (Expert)
- Luxembourg Tech School - year 2020/21
- 71 badges & 11 certifications TryHackMe - #JoshRay
- Cambridge english- B2 (2021)

Joshua SANDANASSAMY

Student in Cybersecurity

I am a 22-year-old French student finishing my second year of a BTS in Cybersecurity at Lycée Guillaume Kroll. Passionate, versatile, and attentive to others, I am eager to apply my skills and knowledge in a professional environment. I am currently seeking an internship in the format of "alternance" for the upcoming 2026-27 school year in any area of cybersecurity, including blue teaming or red teaming. I work effectively both independently and as part of a team, leveraging my strengths to achieve my objectives and contribute to meaningful projects.

Studies

○ BTS Cybersecurity

Lycée Guillaume Kroll, Esch, LU

2024 - 2026

- Applied cybersecurity - Penetration testing, Digital forensics, Governance, Risk and Defensive security.
- Networks - Cisco CCNA 1, 2, 3
- IT operation - Coding, Windows and Linux OS, scripting.
- Project management - Agile, Scrum.

○ Bachelor in Applied Information Technology

University of Luxembourg, Belval, LU

2021 - 2024

- Core IT & Engineering - Full-stack Programming, Mathematics & Algorithms, Big Data.
- Cybersecurity Focus - IT Security fundamentals, Networks.
- Mobility semester at UCL, Belgium (Summer 2023).

○ Baccalauréat Général

Lycée Alfred Mézières, Longwy, FR

2018-2021

- Baccalauréat with Mathematics, Physics & Chemistry and Informatics Majors.

Experience

○ Internship

POST, Luxembourg, LU

April-June 2026

- Implemented a QKD Key Management System compliant with ETSI GS QKD 014 & early 020 standards.
- Developed post-quantum cryptography solutions using hybrid key exchange (ML-KEM) and mutual TLS authentication.
- Deployed and tested a secure multi-node architecture using containerisation (Docker).
- Strengthened autonomy and problem-solving on complex technical challenges within a professional team.

○ Summer Job

Deep, Leudelange, LU

July 2024

- Contributed to the post-merger transition of the 4 companies by ensuring a consistent branding across physical and digital assets.
- Developed strong project management and team collaboration skills within a complex organizational environment.
- Built a solid understanding of internal corporate dynamics during major structural changes.
- Applied social engineering principles to improve communication and collaboration across departments.