

Job Title: Internship - Cyber Security Engineer



About us: It's a great time to be part of the SES team

We are the world's leading satellite operator with over 70 satellites in two different orbits, Geostationary Orbit (GEO) and Medium Earth Orbit (MEO). We provide a diverse range of customers with global video distribution and data connectivity services through two business units: SES Video and SES Networks. Our global team works collaboratively to make a significant, and often life-changing difference in the world. As part of our team, you will play an integral part in delivering on our vision. At SES, we connect and enable broadcast, telecom, corporate and government customers, and enrich the lives of billions of people worldwide.

Internship - Cyber Security Engineer Luxembourg - Betzdorf

Context

6-month internship, starting in May 2019

This is an exciting opportunity to become part of the Cyber Security Engineering team in a fast-paced, global organization within an innovative and unique industry.

Based in Betzdorf, you will contribute to our world class cyber security team, where we bring together talent from all domains of information and cyber security to protect SES' expanding global network and customer services against advanced cyber threats - at land, sea, air and in space.

Your responsibilities

- Plan, design, implement and document network security controls in accordance with network security concepts, including multi-vendor firewalls, VPNs, IDS/IPS, web proxies, email security gateways, web application firewalls, network access control, etc.

- Review network security controls and provide specific recommendations to mitigate risks
- Assess system and application security requirements, threats, vulnerabilities and security risks in complex, heterogeneous systems
- Support engineering groups with security engineering expertise in the different security domains, such as identification and access management, authentication and authorization, secure design, system hardening, risk management, vulnerability assessment and management, security testing, secure software development
- Cloud Solutions (e.g., O365, Azure, AWS)
- SSO/SAML, JSON, PowerShell, RestAPI and related scripting technologies like Powershell, Python, etc are considered an advantage
- Operating Systems (MS Windows and Linux), Citrix/VMWare and applications, including a clear understanding of their vulnerabilities and how to secure them
- Support the development and promotion of information security policies, standards, processes and procedures and monitor compliance to the information security policy framework.

Your profile

- Being an advanced Bachelor/ Master's student in Information Security, Computer Science, Software Development or in a relevant technical area;
- Strong interest in the media/telecommunication business and technical interest in satellites
- Excellent analytical and judgment skills, basic knowledge in IP networks and protocols;
- Ability to set priorities and to work under tight deadlines;
- Computer literate (MS PowerPoint, Excel, Access);
- Work independently as well as in a team;
- Easiness to communicate at all levels;
- Fluency in spoken and written English with additional languages considered an asset.
- EU nationality or work permit for Luxembourg.

What's in it for you?

- An exciting experience in a fast moving and fascinating industry. Our technology is launching into space on the next generation of rockets.
- The internship is remunerated. SES provides excellent sport facilities and a canteen on site.
- But most of all, we offer a truly unique opportunity to play your part in making a difference for those who need it most. We strive to uphold honesty, transparency and courage in everything we do. We're proud to belong to the SES team and collaborate towards success.

Good to know

For more information on SES, [click here](#).

SES is an Equal Opportunity Employer and welcomes diversity!