

Move securely within the cyberworld**itrust consulting s.à r.l.**

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Cybersecurity R&D specialist(s)

itrust consulting is looking for highly motivated candidates (senior / junior), driven by excellence and eager to take on exciting and challenging scientific projects at the intersection of fundamental research and applied industrial research, aimed at creating practical and efficient solutions.

itrust consulting is a leading actor in information security in Luxembourg, specialized in providing security services such as consultancy, technical and organizational audits, technical expertise, research and development (R&D) and best practices-based security training in a dedicated training centre.

You will be working with highly skilled colleagues and collaborators holding PhDs and MSc degrees in similar areas. If this sounds like fun to you and you would like to learn more, get in touch with us.

Context

itrust consulting has openings for motivated candidates, specialized in software development and ideally cybersecurity, preferably with prior experience in R&D projects.

Your role and responsibilities

- Carry out R&D activities in one or more of the following areas of work:
 - Security monitoring software development to support SOC operations (SIEM, XDR, IDPS);
 - Secure software engineering (DevSecOps, CI/CD, SSDLC) and software quality assurance;
 - Anomaly detection based on machine learning;
 - Cyber threat intelligence (CTI) software development;
 - Integration of SIEM, CTI and risk analysis software;
 - Maintenance of software artifacts (e.g. code, documentation, tests);
 - Tailoring software products to meet customer requirements and deployment constraints;
 - Security software verification and validation;
 - Providing training workshops on security software deployment and usage for clients;
 - Assisting RDI manager by contributing to R&D proposal drafting and monitoring/daily advising of junior team members and interns;
- Execute development tasks related to the ICT environment and/or support development projects in the R&D department;
- Operate, monitor and improve custom-built SOC software;
- Contribute as senior cybersecurity specialist to related topics, e.g. Data Privacy, Risk-, Business Continuity-, and/or Incident Management;
- Providing (internal or external) security training.

Profile of the candidate

- MSc in Computer Science or Mathematics or a closely related mathematical discipline;
- Prior experience in cybersecurity software development;
- Curious, committed, rigorous, capable of critical thinking, autonomous, proactive, capable of working independently and within teams;
- Proven research experience (publications, awards and other relevant achievements) considered as an advantage;
- Experience in *nix system administration (ideally Linux-based environments) considered a plus;
- Prior programming experience, e.g. in Java, C/C++, Rust, Python;
- Expertise in security engineering and information security management is considered an advantage;
- Fluent written and verbal communication skills in English (French, Luxembourgish and German would be an advantage);
- Analytical and synthesis skills for writing technically correct, convincing, and easy-to-understand reports;
- Knowledge of MS Office tools (e.g. Word, Excel and PowerPoint) and ideally LaTeX and Markdown.

What we offer you at itrust consulting

- An international environment and the opportunity to work with like-minded R&D collaborators;
- An IT ecosystem convenient for teleworking and flexible working hours;
- The right place for impact in information security in Luxembourg and Europe;
- Competitive working conditions and stimulating learning environment;
- Training and on-the-job-learning opportunities in autonomous work for customers under the supervision of experts of itrust consulting.

To apply, please send (in PDF format) your most recently obtained diploma and ratings for the last two academic years, an updated CV and a letter of motivation to Ingo Senft, info@itrust.lu.