

Training Opportunity for Luxembourgish Trainees

Reference	Title	Duty Station
LU-2020-DG-X	Cyber Security	ESEC
<p><u>Overview of the unit's mission:</u></p> <p>Reporting directly to the Director General, the ESA Security Office is responsible for the coordination, supervision and control of the implementation of all security measures applicable to personnel, documents, physical infrastructure, Communications and Information Systems (CIS) in ESA, whether classified or unclassified for both corporate general purpose and project-specific infrastructure. In addition, the Head of the ESA Security Office advises the Director General on all security matters.</p>		
<p><u>Overview of the field of activity proposed:</u></p> <p>ESA has defined a set of Cyber security initiatives that focus on the development of advanced and integrated capabilities necessary to approach the new complex and sophisticated cyber threats.</p> <p>As part of the security measures, ESA has planned the implementation of the Cyber Security Operations Centre (C-SOC) and the Space Cyber Centre of Excellence (SCCoE). The C-SOC and SCCoE will be located at European Space Security and Education Centre (ESEC) at Redu, Belgium, the ESA centre of excellence for cyber security.</p> <p>The Cyber Security Operations Centre (C-SOC) monitors, reacts and tracks relevant information and event with the objective of maintaining the overall security posture. The C-SOC detect and reacts to information security incidents and maintains the overall security posture of the organisation, supporting the readiness of the organisation's defensive capabilities.</p> <p>The SCCoE provides training, test & validation services, and centralisation of forensic services/expertise as well as developing a distributed risk analysis process capability.</p> <p>The SCCoE, planned to work in synergy with the C-SOC, is sharing security functionalities such as threat and vulnerabilities analysis tools and complementing capacity of the C-SOC such as the security functionalities to analyse a complex system in a synthetic cyber threat scenario in order to investigate potential security vulnerabilities.</p> <p>The training opportunity is particularly focused on these cyber security initiatives and therefore requires a keen interest and strong background in cyber security.</p>		
<p><u>Required education:</u></p> <ul style="list-style-type: none"> • Master-level Degree in a technical discipline related to Cyber Security • Fluency in English and/or French the languages of the Agency 		

