Network and information security

Technical Skills, incl. legislation and IPR

Basic
- Understands the basics of online security and maintain cyber security;
- Understands the importance of business data to be kept secure and make it a priority; implements the principles of ethical behaviour related to data use and storage;
- Performs in-depth research for information and digital footprints of self and others;
- Carefully considers what information to share and not share;
- Understands and implements good strategies for creating, remembering or saving passwords;

Intermediate
- Ability for troubleshooting, maintaining, and updating information security systems;
- Implements continuous network monitoring;
- Provides real-time security solutions;
- Ability for comfortable working on a variety of operating systems, computer systems, mobile devices, cloud networks, and wireless networks;
- Cultivates attention to detail to be able to quickly identify concerns.

Proficient
- Ability to find creative ways to take on and address complex information security challenges across a variety of existing and emerging technologies and digital environments;
- Fundamental Computer Forensics Skills - have a solid understanding of what happens if efforts fail, and how compromised data is recovered;
- An Understanding of Hacking and ability for ethical hacking; fully understand how a system could be breached, and in turn, create effective solutions for thwarting these attacks;

Expert
- Intrusion detection and all relevant cybersecurity technical certifications; mentoring and training of cybersecurity staff;
- Malware analysis and reversing - mentoring and leading teams;
- Ability to think like a black hat and anticipate possible breaches;
- Risk analysis and mitigation planning and implementation;
- Profound security analysis and cloud security analysis, development and implementation of strategies and rules for internal and external data security;
- Profound knowledge and practice in GDPR, Artificial Intelligence, Blockchain Security, Internet of Things Security, Computer Hacking Forensic Investigation.

Social-emotional skills

Basic
- Ability to identify strenghts in self, community and culture;
- Sets and monitors personal goals;
- Reflective listening;
- Recognises opportunities;
- Reflects on own experience based on own activities and learn from it.

Intermediate
- Advanced conflict management - controls over own behaviour and achievement of compromise;
- Bases decisions on safety, social and ethical considerations;
- Awareness of own judgements and biases in securing networks and information;
- Responds in socially appropriate way to criticism, handles teasing and provocation;
- Evaluates consequences of different actions.

Proficient
- Builds relationships with diverse individuals and groups;
- Profound listening skills;
- Proper stress identification, tolerance and control;
- Adaptability to change;
- Patience in resolving complex tasks.

Expert
- Profound level of self-control and control of social relationships in the team;
- Self-motivation and ability to motivate others;
- Makes constructive safe choices and decisions;
- Perspective thinking.

Cultural responsive skills

Basic
- Demonstration of empathy;
- Recognition of cultural diversity;
- Respectfulness for diversity in team and in external groups and stakeholders;
- Integrity and accountability.

Intermediate
- Inclusiveness of different opinions;
- Perceptiveness to cultural implications;
- Appropriate use of humour;
- Use of a foreign language at Europass level B+.

Proficient
- Recognises basic features of different corporate cultures;
- Ability to take into account cultural specifics in multi-cultural teams;
- Use of foreign language at Europass level C.

Expert
- Demonstration of discretion in development;
- Ability to encourage diversity in the team;
- Ability to manage and mentor teams with diverse cultural background;
- Use of at least one foreign language at Europass level C and at least one more at Europass level B.

Creative Skills

Basic
- Demonstrates curiosity and joy to experiment with new digital devices and ways for better cybersecurity measures;
- Creative organisation of own work and tasks to optimize own performance;
- Demonstrates acceptance to new ideas and new knowledge without judgement;

Intermediate
- Ability to find new ways to express own ideas;
- Ability to find something new in existing concepts;
- Embraces the spirit of unknowing, shows joy in experimenting and play;
- Familar with forms of expression of new concepts and ideas.

Proficient
- Willingness to question everything and never stop asking questions, "What if...";
- Ability to use various thinking techniques such as brainstorming, design thinking, 6 thinking hats, etc. for generation of ideas and finding new solutions to existing problems;
- Familiar with tools to turn new concepts and ideas in cybersecurity of data and products/services.

Expert
- Confidence in being flexible, adaptable and functioning well with uncertainty;
- Makes balanced hypotheses, explores ways of better and new cybersecurity measures and provides guidance;
- Evaluates impact and probability of success of various options;
- Ability to apply creative process to various situations and teams.