

IT SECURITY SPECIALIST

LOOKS FOR VULNERABILITIES IN SECURITY SYSTEMS, RESPONDING TO SUSPICIOUS NETWORK TRAFFIC

HIGH

**FUTURE GROWTH POTENTIAL
IN THE LABOUR MARKET**

High foreseen impact on
social and technological
change

Responsibilities include monitoring user access and activity, keeping an eye on security procedures among employees, protecting data from leaks and configuring networks

SKILLS REQUIRED



Problem-solving

Finding solutions to difficult or complex issue



Critical thinking

Thinking clearly to understand the logical connection between ideas



Data processing and analysis

Conversing data into understandable information



Computing and information technology

Carrying out diverse tasks using different types of technology

LABOUR MARKET TRENDS



- Companies may have to pay hefty fines if they do not sufficiently protect user data
- Hacking attacks can bring huge losses to companies and compromise the market
- Hostile intelligence attacks to companies are becoming more frequent
- Highly demanded by companies that store user data and uses digital tools

EDUCATION & TRAINING

Certification on security systems

Higher education degree in computer science or specialised studies on cybersecurity or encryption

Good knowledge of English and programming skills

CHALLENGES AND OPPORTUNITIES

At a time when information is currency, data protection is key for companies

Online security, law and technology are rapidly changing, so professionals need to keep up

The requirement for data protection has been made mandatory at EU level



Key areas
Technology

