

Iraklis Symeonidis

Senior Cybersecurity Architect
PhD, MSc, ISO 27001

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I am a Senior Research Scientist and Cybersecurity Architect with deep expertise in cybersecurity, cryptography, and privacy. An experienced cybersecurity professional, I specialize in information security management, secure architectures, compliance frameworks, and risk mitigation strategies. I lead interdisciplinary teams and initiatives focused on cyber resilience, data governance, and regulatory compliance. I am a team player with strong communication skills, able to engage stakeholders at both technical and executive levels, and committed to delivering robust, high-impact security solutions.

Core Competencies

Cybersecurity Governance • Risk Mitigation • Secure Architecture • Compliance (ISO 27001, AI Act, GDPR) • Security Assessments • Threat Modeling • DevSecOps

Leadership Skills

Stakeholder Engagement • Strategic Decision Making • Problem Solving • Mentoring • Team Leadership

Professional Experience (selection)

2022 – Present **Senior Scientist, Cybersecurity Architect and Governance, RISE Research Institutes of Sweden**

Key Responsibilities:

- Lead cybersecurity governance and ensure compliance with standards such as ISO 27001, AI Act, and GDPR.
- Develop and implement secure architectures for critical infrastructure across various industries.
- Evaluate third-party security risks and conduct security assessments for vendor management.
- Advise on security governance best practices and implement risk mitigation strategies.
- Collaborate with cross-functional teams to integrate DevSecOps into development workflows.

2020 – 2022 **Scientist, Secure Communications and Cybersecurity, KTH Royal Institute of Technology**

Key Responsibilities:

- Conducted cybersecurity research on secure vehicular architectures and networking protocols.
- Designed privacy-preserving communication systems for secure data exchange.
- Delivered training and mentorship on secure networking, applied cryptography, and cybersecurity.

Education

2013 – 2018 **Ph.D. in Secure Systems Architectures, KU Leuven, Belgium**

Thesis: Analysis and Design of Privacy-Enhancing Information Sharing Systems.

Supervisor: Prof. Bart Preneel (KU Leuven).

2011 – 2013 **MSc in Digital Systems Security, University of Piraeus, Greece**

Thesis: Privacy-Preserving Reputation System for Online Social Networks.

1998 – 2004 **Diploma in Information and Communication Systems Engineering, University of the Aegean, Greece**

Thesis: Open Architecture for Connection Control Management on Wireless-ATM Networks. **Supervisor:** Prof. Georgios Kormentzas, in collaboration with NCSR Demokritos.

Certifications & Training (selection)

2015 **Cybersecurity and Cryptography Course, COSIC @ KU Leuven**

2014 **Advanced Cyber Security Course, ENCS, The Hague**

2014 **Secure Application Development Training, SecAppDev, Belgium**

2013 **ISO/IEC 27001 Lead Auditor Certification, TÜV NORD, Greece**