

# Olof Magnusson



## PROFILE

Engineer with a solid foundation in IT and forensics, and a strong focus on the intersection of software engineering and cybersecurity. Experience in various programming languages, frameworks, and security-focused tools, libraries, and development environments.

## CONTACT DETAILS

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## PERSONAL INFORMATION

Citizenship: **Sweden**  
Languages: **English** (Professional)

## SKILLS

- Java, Javascript, C
- Assembly, Python, Latex
- ELK-stack, QRadar, Azure
- ProofPoint, Tanium, IDS
- Communication and team collaboration

## ACCOMPLISHMENTS

- Best Thesis Award (Halmstad)
- Recipient of the Kronan Savings Bank Foundation Scholarship
- Contributed a chapter to Decision Support Systems and Industrial IoT (Springer)

## EXPERIENCE

**SECURITY ANALYST at Combitech** **2023–pres**  
◊ Handle monitoring and incident management, including security assessments in various contexts. Design, implement, and tune detection rules across multiple platforms. Conduct threat hunting and write technical documentation for the Incident Response Team.

**SECURITY ANALYST at HCLTech** **2022–2023**  
◊ Worked with security operations and incident response. Involved in threat analysis, vulnerability management, and client communication.

**MASTER THESIS at Swedish Defence Agency** **2023–2023**  
◊ Designed and implemented a framework to correlate known threat actor behaviors with software exploitation techniques, supporting threat intelligence and attribution efforts.

**AMANUENS at Chalmers University** **2022–2023**  
◊ Supported course instructors with setting up lab environments, grading assignments, and providing technical assistance.

## EDUCATION

**MASTER OF SOFTWARE ENGINEERING**  
Faculty of Computer Science and Engineering  
*Chalmers University of Technology* **2021–2023**

**SOFTWARE ENGINEERING**  
Faculty of Information Technology  
*Uppsala University* **2019–2020**

**MASTER OF INFORMATICS**  
Faculty of Information Technology  
*Halmstad University* **2018–2019**

**BACHELOR OF INFORMATICS**  
Faculty of Information Technology  
*Halmstad University* **2016–2019**

## PROJECTS

**THREATQUERYX** **2025**  
◊ A tool that helps security analysts build and customize threat hunting queries for multiple platforms.

**IOCQUERYX** **2025**  
◊ A tool that generate platform-specific queries from input lists of IP addresses, domain names, or file hashes with efficient filtering logic.

**INVESTIGATE MACHINE-LEARNING METHODS ON THREAD-NETWORKS** **2022**  
◊ A project in collaboration with Ublox and Chalmers University to investigate the feasibility to implement machine-learning methods on log data.

**A SURVEY ON ATTACKS AND DEFENCES ON LORAWAN GATEWAYS** **2021**  
◊ Decision Support Systems and Industrial IoT in Smart Grid, Factories, and Cities (Springer).

## HOBBIES

**Pentesting:** Bug bounty and investigating security vulnerabilities.  
**Gym:** Strength training and functional fitness.  
**Miscellaneous:** Enthusiast of open-source and programming.