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.

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🌐 olofmagn.github.io

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, write technical documentation, and manage 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.

Security Analyst at *HCLTech*   **2022-2023**
◇ Handle monitoring and incident management, including security assessments in various contexts. Conduct threat hunting and vulnerability management. Involved in client communication and technical support.

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.