

# Pim F. Beune

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## Experience

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### Rabobank

*Utrecht, The Netherlands*

RED TEAM OPERATOR

*Sept. 2024 - Present*

- In the Red Team of Rabobank, I perform various Red and Purple team exercises for the bank and its subsidiaries.

### Tesorion Operations B.V.

*Leusden, The Netherlands*

ETHICAL HACKER

*Feb. 2023 - Jul. 2024*

- In the Red Team of Tesorion, I performed black- and gray-box penetration tests, phishing simulations and Red Team assessments. Furthermore, I have deployed a C2 infrastructure to be used in Red Team assessments, and contributed to developing Tesorion's phishing framework. Finally, I have developed custom tooling to enumerate sessions in an Active Directory environment, whose output is BloodHound-compatible.

## Certifications

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### Offensive Security Web Expert

OFFENSIVE SECURITY

*March 15, 2025*

- Description from Offensive Security: Certified OSWEs possess a solid and hands-on knowledge of white-box web application assessments. They have demonstrated their expertise in reviewing advanced web app source code, identifying vulnerabilities, and exploiting them. OSWEs are capable of exploiting web applications with sophisticated chained attacks that leverage multiple vulnerabilities, and using innovative and lateral thinking to find unique ways to exploit web vulnerabilities. They are also equipped to support web development teams in building and maintaining secure-by-design web applications.
- [Click here for certificate.](#)

### Training Offensive Entra ID (Azure AD) and Hybrid AD Security

OUTSIDER SECURITY

*July 19, 2024*

- This training enables participants to analyze, attack, and secure Microsoft Entra ID and hybrid setups from modern threats.
- [Click here for certificate.](#)

### Red Team Operator

ZERO-POINT SECURITY

*June 26, 2024*

- Description from Zero-Point Security: Individuals with the Red Team Operator badge have proven their expertise in adversary simulation, command and control, engagement planning, and time management. They are capable of executing each phase of the attack lifecycle, from initial compromise to full domain takeover, data hunting, and exfiltration, all while maintaining OPSEC awareness and evading defenses.
- [Click here for certificate.](#)

### Offensive Security Certified Professional

OFFENSIVE SECURITY

*February 19, 2024*

- Description from Offensive Security: OSCP-certified individuals have demonstrated the ability to utilize persistence, creativity, and perceptiveness to identify vulnerabilities and execute organized attacks within strict time constraints. They demonstrate proficiency in various tasks, including information gathering, script development, exploit analysis, and conducting diverse attacks such as remote and local privilege escalation, client-side exploits, and web application vulnerabilities. Their expertise extends to utilizing tunneling techniques for network pivoting. OSCP holders are known for their innovative thinking and efficient time management, making them highly effective in cybersecurity roles.
- [Click here for certificate.](#)

## CVEs

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### CVE-2024-53615

*Jan. 2025*

- A command injection vulnerability in the video thumbnail rendering component of Karl Ward's `files.gallery` v0.3.0 through 0.11.0 allows remote attackers to execute arbitrary code via a crafted video file.
- [Click here for exploit.](#)

## Education

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## University of Twente

Enschede, The Netherlands

MSc. IN COMPUTER SCIENCE (CYBER SECURITY)

Sep. 2021 - Jul. 2023

- Weighted average grade: 7.7
- Topics such as: Cryptography, Cyber Risk Management, Software Testing and Reverse Engineering, Internet Security, Software Security, Security Services for IoT, & Secure Cloud Computing
- Thesis: *Lightweight Public Key Infrastructure for IoT*. URL

## University of Twente

Enschede, The Netherlands

BSc. IN TECHNICAL COMPUTER SCIENCE

Sep. 2018 - Jul. 2021

- Weighted average grade: 7.0
- Topics such as: Computer Systems, Network Systems, Software Systems, Algorithms, Automata, Calculus, Discrete Mathematics, (Linear) Algebra & Statistics.
- Research project: *Classifying the Network Capacity of the Dutch IPv4 Address Space*. URL

## Publications

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El-Hajj, M.; Beune, P.

MDPI

DECENTRALIZED ZONE-BASED PKI: A LIGHTWEIGHT SECURITY FRAMEWORK FOR IOT ECOSYSTEMS.

May 24, 2024

<https://doi.org/10.3390/info15060304>

## Volunteering

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Scouting 't Volbert

Enschede, The Netherlands

SCOUT LEADER

2015 - 2025

- I have been the leader of a scouting team for three years. This team supports kids in their scouting activities. In my role as a team leader, I made sure activities were arranged by me or my colleagues, lead event and camp preparations, performed administrative tasks, and arranged communication between our and other teams. Moreover, I represented the group towards the parents, and lead communication between them and my team. Furthermore, I have partaken in numerous committees that organize association-wide activities over the years.

## Skills

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**Programming**

Python, VueJS, Javascript/Typescript: I have made a number of full-stack applications consisting of a RESTful backend in Python and frontend in VueJS.

**Technologies**

Nginx and Docker: I am hosting a number of web services, among self-made full-stack applications. Passionate Linux user for many years.

**Languages**

Dutch (native), English (proficient)