



TOM J.G. THOMAS

Applied Computer Science student specializing in Cybersecurity, with practical experience in backend development, SQL optimization, and scalable systems.

EDUCATION

Howest University

Bachelor Applied Computer Science, Cyber Security 2023-2026

Associate Degree in Programming 2021-2023

ACTIVITIES

- Cyber Security Challenge Belgium 2026
- Hack The Future 2025
- Tech&Meet Seminars Seminars (Howest)

SKILLS

Languages

- C#
- Java
- Javascript
- Kotlin
- PHP
- SQL

Infrastructure & Systems

- Linux
- Docker
- Git

Security

- Burpsuite
- Wireshark
- Nmap

EXPERIENCE

VLIZ (Flanders Marine Institute)

2026

- Refactored monolithic QC architecture to improve maintainability and performance.
- Optimized SQL queries, significantly reducing execution times and enhancing efficiency.
- Developed caching systems and improved backend and UI functionality.
- Managed production deployments, ensuring seamless integration and system reliability.

PROJECTS

Self-hosted infrastructure

2025

Maintained a Docker-based Linux server environment including reverse proxy management, VPN connectivity, monitoring, and self-hosted services.

Android security exploration

2025

Developed and analyzed an Android application in Kotlin using Android Studio and Room databases, while exploring mobile security concepts such as runtime instrumentation with Frida and database encryption techniques.