

EDUCATION

Certified Information Systems Security Professional (CISSP)

[International Information System Security Certification Consortium \(ISC\)²](#)

📅 2022

MSc. Computer Science, Computer Systems and Networks

[Wrocław University of Science and Technology](#)
[Faculty of Electronics](#)

📅 2016 – 2017

📍 Wrocław, Poland

B. S. Computer Science, Computer Systems and Networks

[Wrocław University of Science and Technology](#)
[Faculty of Electronics](#)

📅 2011 – 2016

📍 Wrocław, Poland

AREAS OF EXPERTISE

- **Web security.** Conducting penetration tests from a blackbox perspective using tools such as Burp Suite Professional, ffuf and various helper scripts. Conducting security code review manually with support of tools such as SonarQube, semgrep, CodeQL.
- **Mobile security.** Conducting penetration tests of mobile applications for both Android and iOS operating systems. Reverse engineering client applications and performing dynamic instrumentation with Frida in order to carry out static and dynamic analysis.
- **Network infrastructure.** Conducting penetration tests from a blackbox perspective using tools such as nmap, Nessus Professional, metasploit and other necessary tools. Able to design, configure securely and deploy small-scaled networks based on open-source solutions such as pfSense. Knowledge of virtualization techniques and containerization such as LXC and Docker, deployment of Proxmox based servers with LXC containers. Using Docker as a daily tool to help manage the endless dependencies.
- **Cloud security.** Conducting security review of cloud infrastructure, mainly AWS. Little experience with deployment of cloud services.
- **Operating systems and services security configuration.** Conducting security review of Linux based systems and common services, such as httpd, nginx, Tomcat, databases (Oracle, MySQL). Experience with Linux administration.
- **Automating common workflow.** Using Bash, Python and golang to automate common tasks in day-to-day penetration testing work. Able to develop small software using following languages in no particular order: Bash, C++, C#, golang, Java, PHP, Python.

LANGUAGES

- Polish - native
- English - C1 written, B2 spoken

EXPERIENCE

Penetration Tester

[Securitum](#)

📅 Oct 2019 – present

Penetration testing of:

- Web applications and APIs, blackbox, whitebox (security code review)
- Mobile applications (Android/iOS)
- Network infrastructure
- Operating systems and services security configuration, cloud security review

IT Security Engineer

[Lemlock](#)

📅 Jun 2018 – Sep 2019

Main duties:

- Performing security audits (vulnerability assessments, penetration tests), forensic analysis and creating reports
- Securing network, cloud (AWS) and container (Docker) infrastructure
- Consulting security issues with developers and overseeing implementation of fixes
- Developing internal security tools (Python/Django/LaTeX)

Junior information security specialist

[Bank Zachodni WBK](#)

📅 Oct 2017 – May 2018

Main duties:

- Assessing cybersecurity risk
- Analysing various cybersecurity solutions

IT support intern

[Krajowy Rejestr Długów BIG](#)

📅 Sep 2015

Student internship at IT department

Freelancing

[Self-employed](#)

📅 2013 - present

Minor IT jobs for various clients, mainly Linux administration and automation tasks