

Alexandr Romanov [Sec+]

downitch@proton.me | +35794883204 | [downitch.github.io](https://github.io/downitch)
Limassol, Cyprus

Senior Security Engineer and Penetration Tester experienced in delivering penetration tests, identifying complex security weaknesses, and supporting effective remediation. Combines a strong software engineering background in *Go*, *JavaScript*, and *Python* with an offensive security mindset. Dedicated to high-quality security audits, vulnerability research and continuous security posture improvement.

EXPERIENCE

Senior Security Engineer at Mayflower – *Limassol, Cyprus*

01.01.2025 - currently employed

As a senior security engineer, I am tasked with penetration tests across a variety of products, including end-user oriented web-platforms and in-house QoL web & mobile applications. My day to day activity includes team leading responsibilities and cross-department communication during mitigation and development phases. As a strong software developer, I work closely with developers creating SSDLC guidelines, conducting SAST, DAST and Whitebox penetration tests. During mitigation phases, I collaborate with other departments on patching and further QA testing of implemented changes.

Security Researcher at HackerOne – *Remote*

01.04.2022 - 05.08.2024

During my working path as Security Researcher and Bug bounty Hunter at HackerOne, I've conducted frequent penetration tests for multiple companies. With my reports and mitigation plans, I was able to help such companies enhance their security posture long-term. During that time I've been focused on both web- and mobile penetration tests, working with Blackbox and Greybox penetration tests. As a security researcher I worked closely with many open-source solutions that were popular amongst the companies I did penetration tests for, in order to mitigate supply-chain attacks before such are discovered.

Software Developer at CIPHER LLC – *Remote*

21.07.2018 - 30.12.2021

During my time at CIPHER I was tasked with leading a development and R&D departments, creating a privacy-oriented solution for mobile communications over p2p networks. I have conducted researches in fields of cybersecurity, network security, protocol communication, TOR adaptation and integration. My experience at CIPHER was deeply focused on securing the code, implementing best practices in both development and production. I was conducting regular SAST and CI/CD code and workflow analysis, ensuring the solutions provided by the company are robust and secure.

EDUCATION

University of Wollongong, Bachelor of Computer Science (Cybersecurity) – *Australia*
01.06.2021 - 01.07.2024

Graduated with a strong focus on cybersecurity, network defense, and secure software development. Led multiple student projects, including the design and implementation of a custom IDS/IPS. Gained hands-on experience in threat detection, system hardening, and team leadership through collaborative, real-world-inspired challenges.

CERTIFICATIONS

Certified Bug Bounty Hunter (CBBH) from HackTheBox obt. 2023
Certified Web Exploitation Specialist (CWES) from HackTheBox obt. 2023
CompTIA Security+ from CompTIA obt. Oct. 2025