

Mykola Nesterenko

Offensive Cyber Security Specialist

Top-performing Abertay University student, known for academic excellence, consistently delivering high-quality results, and meeting tight deadlines over six years. Actively researching macOS and Android Malware and AI/ML technologies. Proven adaptability in diverse environments and excellent teamwork skills, having successfully led teams to achieve exceptional outcomes in various university projects and competitions. Adept at multitasking and managing concurrent projects. Proficient in various Object-Orientated Programming Languages and committed to continuous learning.

✉ mykola@cybernester.com

☎ +44 7 950 999 787

📍 Dundee, United Kingdom

🌐 [linkedin.com/in/m-nester](https://www.linkedin.com/in/m-nester)

EDUCATION

BSc (Hons) Ethical Hacking Abertay University of Dundee

09/2019 - 05/2023

Predicted: First Class above 4.0

Courses: Highlights

- Web App Pen-Testing
- Computer Networking
- IoT & Cloud Secure Dev
- Digital Forensics
- Malware Analysis
- Web Development

WORK EXPERIENCE

Laboratory Assistant Abertay University of Dundee

09/2022 - Present

Achievements/Tasks

- Assisting the professor for the Computer Hardware and Operating Systems, and Digital Forensics 1 modules.
- Initial performance of this years students in the modules was improved by nearly 10% as per results of quizzes.
- Was invited for the position due to academic excellence.

Admissions Office Support Assistant Abertay University of Dundee

06/2022 - 09/2022

Achievements/Tasks

- Assisted the admissions office with new the batch of international students. Total of 26 applicants.
- 6 out of 11 students who accepted offers did so due to my effective communication of advantages of Abertay University.
- Conducting orientation events for new students.

VOLUNTEERING & OPPORTUNITIES

UK Cyber 9/12 Strategy Challenge (2023)

- Reached semi-finals in Cyber Incident Policy challenge run by the Atlantic council and the UK Government. Skills trained: Oral presentation of ideas to higher echelons of management, critical thinking, decision making.

Scotland Cyber 9/12 Strategy Challenge (2022)

- Participated in Cyber Incident Policy challenge run by the Atlantic council and the Scottish Government. Skills trained: analysis and incident response of nation-level incident, Cyber incident action plan and policy strategy.

Securi-Tay X volunteer (2022)

- Responsible for organizing Lunch area, Head of the attendant ticket registration. Skills trained: Teamwork and Team leading. Working with custom CRM system linked with Eventbrite. Critical thinking and problem solving.

SKILLS

C++

Java

Swift

PHP

AWS

Python

Unix-Bases Systems and CL Tools

Report Writing

Malware Analysis and Reverse Engineering

Perl

Web App Pen-Testing

Team and Project Management

Security Evalutaion

Secure Software Development

PROJECTS HIGHLIGHTS

Secure Software Development Practices Report (2023)

- Exploration of Secure Software Development Life Cycle.
- Critical evaluation of Secure Software Development Practices based on PostgreSQL CVE-2019-10164 and CWE-119 in general.
- Practical demonstration of Bounds Checking mechanisms.
- Grade A+, referred as exemplary due to extensive independent research.

Android Malware Analysis Report (2022)

- Independent research project.
- Setting up safe environment for malware analysis.
- Two android malware samples, one of which was a live sample.
- Grade A+, referred as exemplary for the large scale of the project given limited time for execution.

IoT and Cloud Secure Development Project (2022)

- AWS & RPi IoT Project which performs automatic lights switching based on user location.
- Swift 5 + Swift UI iOS Application enhanced with AWS Amplify.
- Extensive use of AWS Amplify, Cognito, API Gateway, Lambda and etc.
- Grade A+, referred as one of the most unique and complex projects on the module.

LANGUAGES

English

Bilingual Proficiency

Russian

Native

Ukrainian

Bilingual Proficiency

Bulgarian

Limited Working Proficiency

INTERESTS

AI

Tennis

Automotive industry

AR/VR

Gaming industry

Computer hardware

CTFs

Cyber Security Summits

Laws and Regulations