Mykola Nesterenko

Cybersecurity Engineer

Top-performing Abertay University graduate, known for academic excellence, consistently delivering high-quality results, and now leveraging my skill-set at Lloyds Banking Group. 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. Learn about me and my projects at cybernester.com

✉ mykola@cybernester.com 📱 +44 7 950 999 787 📍 Dundee, UK in linkedin.com/in/m-nester

EDUCATION

BSc (Hons) Ethical Hacking
Abertay University of Dundee

09/2019 - 05/2023 *First Class (GPA 4.35/4.5)*

Courses: Highlights
- Web App Pen-Testing
- Malware Analysis
- Digital Forensics
- IoT & Cloud Secure Dev

WORK EXPERIENCE

Cybersecurity Engineer (Intern)
Lloyds Banking Group

05/2023 - Present

Achievements/Tasks
- Technical Development of the Security Information and Event Management (SIEM) for multiple platforms.
- Focused on Google Cloud Platform (GCP) related tasks.
- Developed automated GUI log obfuscation application using Python to streamline team's workflow.

Laboratory Assistant
Abertay University of Dundee

09/2022 - 05/2023

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

Cyber 9/12 Strategy Challenge Semi-finalist (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.*

SKILLS

C++ Java Swift PHP AWS Python

Unix-Bases Systems and CL Tools Report Writing

Malware Analysis and Reverse Engineering Splunk

Web App Pen-Testing Splunk Cloud SentinelOne

Azure Sentinel Secure Software Development

PROJECTS HIGHLIGHTS

Unified Mobile Malware Analysis (UMMA) Methodology and Framework Development, Honours (2022 - 2023)
- Developing a standardised methodology for mobile malware analysis.
- Developing a framework for Android Malware analysis in a form of pre-configured VM.
- The framework was designed for Apple Silicon platforms by using ARM Kali VM.
- Critical evaluation of current malware analysis methodologies available tools.
- Grade A+, referred as exemplary due to extensive independent research and innovation.

Android Malware Analysis Report (2022)
- 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.

Website Penetration Test Report (2021)
- Complete web application penetration testing report.
- Done in accordance with The Web Application Hacker's Handbook by Dafydd Stuttard and Marcus Pinto.
- Grade A+, every grading criteria was achieved by 100%.

LANGUAGES

English
Bilingual Proficiency

Russian
Native

Ukrainian
Bilingual Proficiency

Bulgarian
Limited Working Proficiency

INTERESTS

Tennis Automotive industry AR/VR

Computer hardware Laws and Regulations