

Mykola Nesterenko

Cybersecurity Engineer at Lloyds Banking Group

Experienced Cybersecurity Engineer with a robust background in developing detection controls for cloud environments and enhancing existing security solutions. Currently honing my expertise at Lloyds Banking Group after a seamless transition from an intern to a full-time role, highlighting my ability to swiftly adapt and contribute. In-depth knowledge in macOS and Android Malware research paired with AI/ML technology exploration. Successfully spearheaded diverse university projects and led teams to exceptional results, evidencing my leadership capabilities. Committed to pushing the boundaries in cybersecurity with continuous learning. Learn about me and my projects at cybernester.com

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📍 Dundee, UK

🌐 linkedin.com/in/m-nester

WORK EXPERIENCE

Cybersecurity Engineer Lloyds Banking Group

09/2023 - Present

Achievements/Tasks

- Developing Detection Controls for Cloud-Based Environments.
- Responsible for Multi Platform Code Promotion Procedures.
- Improving and Modernising Existing Detection Solutions.
- Handling Multiple Priority Workloads.

Cybersecurity Engineer (Intern) Lloyds Banking Group

05/2023 - 09/2023

Achievements/Tasks

- Technical Development of the Security Information and Event Management (SIEM) for multiple platforms.
- Focused on Google Cloud Platform (GCP) related tasks.
- Winner of the Group's Innovation Challenge.

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 Year's 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.
- 6/11 Students Accepted Their Offers Due To Effective Communication Of Advantages Of Abertay University.
- Conducting Orientation Events For New Students.

EDUCATION

BSc (Hons) Ethical Hacking Abertay University of Dundee

09/2019 - 05/2023

First Class (GPA 4.35/4.5)

Courses: Highlights

- Secure Software Dev
- Digital Forensics
- Malware Analysis
- IoT & Cloud Secure Dev

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

Github

Code Promotion

Jenkins

Team Management

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+ on every component, 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