

Mykola Nesterenko

Senior Technical Security Analyst at Lloyds Banking Group

Virtuoso Senior Technical Security Analyst with a robust background in developing detection controls for cloud environments and enhancing existing security solutions. Currently honing my expertise at Lloyds Banking Group, where I seamlessly transitioned from an intern to a full-time role, demonstrating my ability to swiftly adapt and contribute. Possess in-depth knowledge of macOS and Android malware research, coupled with exploration in AI/ML technologies. Successfully spearheaded diverse innovative projects to exceptional results, highlighting my leadership capabilities. Committed to pushing the boundaries in cybersecurity through continuous evolution.

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WORK EXPERIENCE

Senior Technical Security Analyst

Lloyds Banking Group

09/2023 - Present

Achievements/Tasks

- Pioneer of Developing Detection Controls for Cloud-Based Environments, mainly Microsoft Azure and Google Cloud Platform.
- Responsible for Multi Platform Code Promotion Procedures. (DevSecOps)
- Leading the Innovations Direction within Chief Security Office.
- Upskilling new colleagues while fostering an engineering mindset.

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 Teaching 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

DevSecOps

Jenkins

Project Management

PROJECTS HIGHLIGHTS

New Ways of Working (2024, LBG)

- The main aim was to transition to an Agile Scrum working pattern, ensuring improved collaboration, flexibility, and efficiency within the team.
- I actively sought ways to streamline legacy processes, reducing bottlenecks and increasing overall productivity by implementing modern methodologies and tools.
- Focused on fostering a culture of continuous improvement and adaptation, encouraging team members to regularly reflect on practices and outcomes to enhance performance and deliverables.

Unified Mobile Malware Analysis (UMMA) Methodology and Framework Development, Honours (2022-2023, Abertay)

- 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, Abertay)

- 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.

LANGUAGES

English
Bilingual Proficiency

Russian
Native

Ukrainian
Bilingual Proficiency

Bulgarian
Limited Working Proficiency

INTERESTS

Tennis

Automotive industry

AR/VR

Computer hardware

Laws and Regulations