SHAHENWAZ MUZAHID +353 89 459 1124 | shahenwazmuzahid@gmail.com

Digital Forensics & Cyber Security | Undergraduate

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PROFESSIONAL PROFILE

Final-year BSc (Hons) Digital Forensics and Cyber Security student at Technological University Dublin, graduating in 2027. Developed practical security skills through application security projects, digital forensics coursework and independent security monitoring. Built a Wazuh SIEM home lab to test file integrity and authentication monitoring, investigate alerts and document findings. Contributed to Vulnexa, a source-code vulnerability assessment tool incorporating CWE-based findings and business-focused reporting.

EDUCATION

BSc (Hons) Digital Forensics and Cyber Security

Technological University Dublin · 2022 – 2027 (expected)

Relevant coursework: Network Security, Application Security, Digital Forensics, Computer Systems and Web & Software Development.

Practical Academic Experience:

- Applied digital forensic techniques through laboratory exercises involving fingerprint, face and voice recognition, forensic imaging, evidence handling and metadata examination.
- Examined network traffic using Wireshark and practised network security concepts through practical exercises.
- Worked with Linux and Windows environments, virtual machines and network configurations to support security-related lab activities.
- Developed and tested a source-code vulnerability assessment application as a Year 3 major project, applying application security concepts and CWE classifications.

QQI Level 5 - Cyber Security with Software Development

Rathmines College of Further Education · 2021 – 2022

Awarded eight distinctions.

SELECTED TECHNICAL PROJECTS

Vulnexa - Source Code Vulnerability Assessment Tool

Year 3 Major Project · 2026 | Python, FastAPI, Next.js, TypeScript, CWE

- Developed a rule-based application to assess source code for selected security weaknesses using local folder, ZIP file and repository inputs.
- Implemented vulnerability detection checks mapped to CWE identifiers, with severity classifications and supporting findings.
- Designed technical findings and business-facing report views to help communicate identified weaknesses to different audiences.

GitHub: https://github.com/shahenwaz/vulnexa

Security Monitoring & Analysis with Wazuh

Independent Project · 2026 | Wazuh SIEM, Ubuntu Server, Windows 11, VirtualBox

- Built a virtualized Wazuh monitoring environment to collect and analyze security events from Windows and Ubuntu systems.

- Configured and tested file integrity monitoring, Windows authentication and SSH authentication detection, successfully identifying all planned test events.
- Investigated alerts using event IDs, detection rules and supporting logs, documenting findings and limitations in a technical report.

GitHub: https://github.com/shahenwaz/wazuh-security-monitoring

TECHNICAL SKILLS

Security & forensics: Wazuh, Splunk, SIEM fundamentals, Wireshark, Nmap, forensic imaging, evidence-handling, log review.

Systems & networking: Linux, Windows, VirtualBox, TCP/IP, virtual networking.

Programming & Development: Python, JavaScript, TypeScript, Next.js, React, FastAPI and PostgreSQL

Tools: Git, GitHub, VS Code

PROFESSIONAL EXPERIENCE

Customer Assistant
Tesco, Dundrum · Nov 2024 - Present

- Assist & support customers across tills, self-service checkouts and Scan as You Shop, resolving routine issues and escalating when required.
- Maintain accurate transactions and work with colleagues to keep daily operations running smoothly.

Back Dock Assistant
Harvey Norman, Blanchardstown · Sep 2023 - Aug 2024

- Handled deliveries, stock records and preparation of products for the sales floor and customer dispatch.
- Worked with warehouse and retail colleagues to support accurate, safe day-to-day operations.

Store Assistant
Aldi, Rathfarnham · Dec 2022 - Jun 2023

- Handled customer payments, restocking and customer enquiries in a busy retail setting.

Laundry Attendant
Gardiner Street Dry Cleaners, Dublin 1 · Sep 2021 - Sep 2023

- Provided customer service and accurately processed and organised customer orders.

UNIVERSITY LEADERSHIP

Public Relations Officer
TU Dublin Blanchardstown Swimming Club · Oct 2022 - Oct 2023

Coordinated member communications, shared event information and liaised with other university clubs.

Committee Member (Vice Brother)
TU Dublin Blanchardstown Islamic Society · Oct 2023 - Apr 2024

Supported event organisation, member communication and committee responsibilities.