Peter McGinley

Computer Science
Graduate (TBC)

Contact Details

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📍 Belfast, UK

Core Skills

- Malware Analysis
- Cloud Computing
- Encryption (Homomorphic)
- Programming
- Networking
- Cryptography
- Microsoft Office Suite
- Security Clearance (UK)

Soft Skills

- Problem-solving
- Leadership
- Communication
- Teamwork
- Independent Work

References

Available on Request

Github Links

- Dissertation:

  HE Demo: Can we securely compute encrypted data?

Professional Profile

Ambitious BSc Computer Science student with a solid foundation in malware analysis, networking and cryptography gained during my degree and a 12-month placement in NI Civil Service. Adept at troubleshooting, automation and secure service delivery. Seeking work within an IT company or department to further my knowledge and skills.

Education

BSc (Hons) Computer Science with Professional Experience
Queen's University Belfast
September 2021 – July 2025
Grade: 2.1/2.2 (expected)

A-Levels (Digital Technology, Physics, Maths)
Rainey Endowed School, Magherafelt, Co. Derry
September 2014 – July 2021
Grades: A B C

Work Experience

Northern Ireland Civil Service – IT Assist Client Operations (Voice Services)
July 2023 – July 2024
Belfast

Key Responsibilities:

- *Management of daily reports and incidents for over 20,000 users across government departments.*

- *Cleaning and reprogramming of several preconfigured Cisco IP phones for large-scale rollout to NI Prisons.*

- *Executed large-scale IP telephony account deletions to optimise licencing costs and reduce overhead for all public sector departments.*

Key Achievements:

- *Resolved 1500+ Cisco IP Telephony incidents, contributing to a sustained 95% resolve rate across the department.*

- *Contributed to the secure rollout of preconfigured Cisco IP phones across NI Prisons, improving hardware reliability and reducing support queries/calls for legacy hardware*

- *Played a key role in a cost-reduction initiative by coordinating the deletion of hundreds of inactive IP telephony accounts, reducing licencing costs across all departments.*

Soft Skill Examples

Teamwork/Leadership/Communication:

- Collaborated alongside PSNI with regards to the rollout of new preconfigured phones for prisons and had a lead role in the physical rollout of the phones.

- Effectively communicated with other team members back in the office to resolve any issues during the phone rollout.

Problem-solving/Independent Work:

- Took initiative to document a recurring issue with Cisco phones which led to an easy troubleshooting guide (NICS).

- Took on a site wide incident with preconfigured phones, where I was able to resolve the major issue single-handedly.