# Barclay Cousin

IT Student

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**LinkedIn**
**GitHub**

## PERSONAL PROFILE

A motivated data driven individual who has continuously proven to be a strong team player while excelling independently. Someone who doesn't believe in standing still and anyways strides to enhance their knowledge in various fields from Cybersecurity, SQL Database and manipulation of big data. An individual who takes punctuality seriously and achieved 100% attendance throughout previous employment and higher education.

## Core Skills

- Troubleshooting
- HTML, CSS, JavaScript
- Service Desk Ticketing System
- Adaptability
- Python
- Windows Server
- Teamwork
- SQL Server
- Security Practices

## EXPERIENCE

**05/2022 – 09/2022**   **Junior Security Engineer,** London North Eastern Railway, York

I was invited back by LNER during my undergraduate summer. Key responsibilities included:
- *Patching: I was solely responsible for patching LNER's server estate. I reduced the overall risk score by 50% and patched over 150 servers including out of hours work. Tickets (standard changes), Backups & Reports were necessary as part of this role.*
- *Physical Servers:* Decommissioned servers from datacentre and cabled new servers.
- *Troubleshooting:* I troubleshooted servers with issues by moving datastores on VMware, restarting servers, command line inputs, expanding virtual storage and escalating issues.

**03/2022 – 09/2022**   **Junior Information Security Analyst,** London North Eastern Railway, York

I worked in the Information Security team at LNER under the government's Kickstart scheme between March and September 2021. Key responsibilities included:
- *Analytics:* Collating, analysing, and reporting on key metrics relating to information security risks across the business. This included alerts from the various security systems, vulnerability management and compliance.
- *Phishing*: Organised and manged company wide phishing campaigns based on real world threat intelligence and identified new ways to reduce the phishing risk.
- *Awareness*: Produced weekly awareness articles and threat reports to a wide range of audiences including front line user awareness to executive engagement.
- *Digital Forensics:* Created the company digital forensics procedure and assisted in digital forensics investigations.
- *Projects:* Contributed and lead on a series of information security projects to reduce the cyber risk to the business. This included mobile protection software and implementation of multifactor authentication.

**04/2019 – 04/2019**   **Work Placement,** GCHQ, Scarborough

GCHQ intelligence helps keep UK forces safe, prevents terrorism and crime and protects against cyber-attacks.
- *Workshops: I attended workshops related to security, cyber-attacks, espionage, terrorism and organised crime.*
- *Encryption: I converted conscriptions and completed translation tasks in the Russian language*
- *Learning: I learned a lot about the organisation, the uk's ongoing threats via radio, online and the dark web and spoke with industry experts about future terrorism.*

# KEY PROJECTS

**Web Development**     [Group Cancer Cost Project Application](#)

*www.Codex.ga*      I was Team Leader on a project for developing a business system within a group of 4 team members. HTML, CSS, and JavaScript was used to produce a responsive website showcasing the price of Cancer costs within the United States. The project follows the Agile development methodology.

**Python Data Cleaning**     [DataFrame Cleaning and Visualisation of KDD Cup Data 1999](#)

This project required the analysis and cleaning of a large dataframe of an intrusion detection system. Once cleaned, key findings needed to be concluded and identified. Python libraries were used to process this data via a variety of advanced charts.

**Python Data Visualisation**     [Analysis and Visualisation of Covid-19 Cases Data](#)

This project consisted of working with python libraries for the easy visualisation of thousands of records into simple easy processing by way of bar charts from a sole user interface for the end-user.

# EDUCATION

09/2021 – Present     **BSC (Hons) Information Technology,** Teesside University, Middlesbrough

- System Database & Design (A)
- Rapid Application Development (A)
- Secure Data Acquisition (A)
- Business System Development (A)
- Information Security & Cybercrime (B)
- Python Programming (B)

09/2018 – 07/2020     **Information Technology BTEC,** Scarborough Technical College

BTEC Extended Diploma in Information Technology**:**
- Triple Grade Distinction* Distinction* Distinction*

BTEC 90 Credit Diploma in Information Technology**:**
- Double Grade Distinction* Distinction*

09/2013 – 07/2018     **GCSE's, Graham School,** Scarborough
- 8 qualifications at grade 4 – 7 including Maths, English and IT
- Year 11 Information Technology Student of The Year

# Short Courses

12/2020 –03/2021     **Python Programming Winter University,** Teesside University, Remote

06/2021 –08/2021     **Cybersecurity Sumer University,** Teesside University, Remote

# References

**Evan Hollowell**, Information Security Governance, Risk & Assurance Manager, LNER, 07763579418, Evan.Hollowell@lner.co.uk

**Dr Yar Muhammad**, Head of IT, Teesside University, 07424851051, Yar.Muhammad@tees.ac.uk