Joshua Bray

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Personal statement

A 3rd year University of Westminster BSc Computer Science student, on route to a first. With a strong academic background and a focused interest in cyber security. Knowledgeable in areas such as disaster recovery and business continuity plans, TCP/IP and OSI models, client server architecture, machine learning and data mining etc. Now seeking work experience within the IT sector.

Key Skills

- Proficient in HTML, CSS, JavaScript, Java, C#, Python, R, and SQL
- Security technologies such as IDS/ IPS, firewalls etc.
- Knowledgeable within subnetting and other network calculations.
- Ability to read and understand packet level data.
- Experience within Kali Linux
- Administrator knowledge with ServiceNow

Employment History

Jul 2021 | **Level-Up Society Hackathon** | ShowCode

This was a two day hackathon. The hackathon was based upon gamification. There were four categories which participants were allowed to base their gamified application upon. The four categories were Better Retail, Better Security, Better Mental Health, and Better Learning. Going into this hackathon alone I was able to network with other participants, form a team, and create a full prototype of an application which bettered mental health.

May 2021 | **ServiceNow - Training and Hackathon** | University of Westminster

The School of Computer Science and Engineering in collaboration with ServiceNow hosted a 3-day Application Development Training Programme followed by a 2-day Hackathon. During this work experience I gained valuable application development skills as well as industry knowledge and experience.

Jul 2020 | **The Big Engineering Work Experience Week** | University of Westminster

This was a week of exciting immersive talks, learning sessions and design activities. With speakers from global leading companies, organisations, and institutions such as ARUP, Google, Laing O' Rourke, JOMAS. This gave me invaluable experience and an insight into the world of engineering for the built environment.

April 2018 – Jun 2019 | **Facilities Support 1** | Computacenter

This position tasked me with the upkeep of Computacenter headquarters. The role included cleaning, warehouse work and the training of new recruits. This opportunity gave me the chance to see my ideal work environment and helped motivate me to study Computer Science at university.

Nov 2016 | **Digital Innovation Days** | Oaklands College

This was a work experience opportunity in which I was put into a team that would come up with a solution for a pollution problem on a street in London. The solution was then presented to the members of Silicon Abbey. This opportunity allowed me to experience what it is like to work as part of a team on a project to a given deadline.

Jul 2014 | **Special Educational Needs Teaching Assistant** | Oak View

This was a work experience placement at Oak View primary school. I was tasked with assisting the pupils

with reading, writing and numeracy during class. This was an excellent opportunity to help others and gave me a great chance to show off my skills.

Education
Stanborough School 2010 - 2015
Oaklands College 2015 – 2017
George Mason University 2021
Westminster University 2019 - present

Qualifications

Year	Type	Institution
2022	Westminster Employability Award (Gold)	University of Westminster
2019 – present	BSc Computer Science (projected 1ST)	University of Westminster
2015 – 2017	Level 3 Extended Diploma Computer Science (D*D*D)	Oaklands College
2010 – 2015	10 GCSE's, grades (A-C) incl Math, English, and Science	Stanborough School

Hobbies & Interests
In my spare time I enjoy wild camping, hiking, running, and playing football. I have plans to complete Wainwright's coast to coast walk and play my football with the Westminster dragons futsal club.

References
Available upon request.