

Personal profile

I am a diligent student who is studying Cyber Security and Digital Forensics with Foundation Year and UWE Bristol. I have finished the second year of my course and am on track to achieve a First Class Honours in my degree. Throughout my years of university and life, I have been exposed to a vast array of disciplines in the field of Cyber Security and beyond. I am eager to learn and develop my skills, and I consider myself an asset to any team due to my ability to work well with peers, good time management, and a focused mindset.

Relevant Education and certifications held

- On track for a First Class Honours in Cyber Security and Digital Forensics from the University of the West of England.
- Foundation Year grade achieved: 78% (over all 4 modules).
- Year 1 grade achieved: 90% (over all 4 modules).
- Year 2 grade achieved: 74% (over all 5 modules).
- Year 3 grade: Predicted a first-class degree upon graduation
- Included on the UWE Dean's List of the Faculty of Environment and Technology for 2021/2022, 2022/2023 and 2023/2024 academic years.

Relevant experience – More details available on request

Controller Area Network IPS/IDS

- Using various technologies such as machine learning identification techniques, CAN frame reverse engineering, and enumeration to identify ECUs.
- Creating a solution for real-time attack detection which also can create and validate forensically sound systems for secure logging.
- Proficient in both Windows and Linux environments for development and testing.
- Proficiency in Python and C++ for machine learning implementation and embedded systems.

Home Lab

- Repurposed, fixed and upgraded legacy hardware (a ThinkPad W530).
- Hosting various services such as secure remote file storage, game servers, and a development environment for other projects.
- Monitoring incoming traffic to the router using Suricata, logging, blocking and recording malicious traffic.
- I use this to tinker with software and hardware in an environment which I can control and feel safe in.
- Utilisation of containerisation with Docker to safely and efficiently isolate running services.

Work experience – References available on request

Student Ambassador – UWE Bristol | 04/23 – Present

- Assisting current, potential, and future students as well as anyone interested in the university and my course with answering questions and showing them around.

Key Skills

Proficiency with C, C++, and Python programming.

Familiarity with Windows and Linux operating systems.

Knowledge of laws and legislation surrounding Cyber Security, as well as the current events in the field.

Skilled in time management and taking initiative in tasks.

Strong team-working and collaborative mindset.

Competency in learning and using software such as EnCase and Wireshark, among others.

Strong interest in tinkering with devices and software and gaining a rich understanding of the ins and outs.

Understanding of the inner workings of a computer, both in hardware and software.

Excellent customer service and problem solving from multiple years in the industry.

Driven to see projects to the end, and willing to work through issues.

Quick at learning and applying new skills to enrich products I produce.

English fluency and Spanish at a semi-professional level.

- Responsible for upholding the university's reputation and going above and beyond to make it stand out to any prospective students or staff.
- Using innate knowledge learnt from day-to-day life in and around university to answer questions and solve various problems to the best of my ability.
- Helping around the university with physical tasks, such as putting up banners and posters.
- Working with a team of fellow ambassadors and course lecturers and leaders to make the experience as enjoyable as possible.

Waiter - Pizza Express | 04/21 - 01/25

- Using initiative when faced with various problems involving customers or colleagues.
- Managing a section of the restaurant independently and helping colleagues whenever and wherever possible.
- Helping customers with all requests, including but not limited to taking orders, processing payments, delivering food, listening to queries and suggestions; as well as rectifying problems that they may have.
- Being friendly, polite, and positive with customers; creating a friendly and relaxed environment.
- Responsible for being the "face" of the restaurant, keeping everything in check and presentable.

Hobbies and Interests

Playing Bass Guitar

- Keeping time means having to work closely with other musicians to not throw them off.
- Able to support the music, not take it over or derail the flow.
- Listening to the intricacies and gaps between notes to add new layers through syncopation.
- Being relaxed, having fun, and enjoying time with others.

Playing Flight Simulators (and other cooperative video games)

- Patience and listening skills needed to have a safe and coordinated flight.
- Ability to follow checklists and be aware of everything going on.
- Listening to and making sure that others' requests are met.
- Can improvise and stay calm in a stressful situation.

Whilst I have never held an official role within the Cyber Security and Digital Forensic space, I hope that my skills and experience both within and outside of university show my potential and passion for this subject. As shown in my academic performance, I am a quick learner who is eager to grow into this space. I have repeatedly been at the top of my class in my various assignments, which simulate a similar experience to the workplace environment - such as developing my planning and teamworking skills. I would love to get a job at a place which pushes and challenges me, as I have the drive and desire to improve and learn new skills which I can take with me throughout my life.