Daniel Smith

Blyth/York, UK | ███████████████ | █████████ | linkedin.com/in/dansmith08/

PROFILE

A dependable and conscientious first year student at the University of York studying Computer Science, seeking work experience in Technology. Possesses the ability to adapt to work either independently or collaboratively with excellent levels of communication. Cultivated programming capabilities in Python and SQL over the last 4 years, and more recently branched out into elements of CSS, HTML, JavaScript, and Haskell.

EDUCATION

University of York   **York, UK**
BEng Computer Science   2023 – 2026

Modules in Foundations of Programming for Computer Science (Software 1) ~ Python
Semester 1 Mathematical Foundations of Computer Science (Theory 1)
Introduction to User Centred Design (HCIN)

Kings Priory School   **Tynemouth, UK**
Sixth Form   2021 - 2023

A Levels Computer Science (B), Economics (B), Further Mathematics (B), Mathematics (A)
EPQ Grade A, Essay regarding the Ethics of Artificial Intelligence

Bede Academy   **Blyth, UK**
Primary & Secondary School   2009 - 2021

9 GCSEs Grades 5-8, Including English Language (7) and Mathematics (8)
BTEC Digital Information Technology (Distinction*)

Transferrable Skills

- The HCIN module is a Groupwork project that requires collaborative working in-line with user requirements as gathered from data analysis to produce an interactive prototype using Figma ensuring it meets fundamental user heuristics.
- Tutorials and Practical's instil collaborative working attitudes and develop problem solving abilities during Theory and Programming exercises.
- A Levels and EPQ; Advanced referencing competencies and investigative research abilities whilst also cultivating time management skills through studying 4 qualifications laterally.

NB; during Semester 2 I will be completing the Software 2 module which teaches Java.

WORK EXPERIENCE & COURSES

Technology Foundations Virtual Experience Programme   **Online**
Accenture   November 2023

- Grasped Software Development Methodologies including Waterfall and Agile, along with establishing an understanding of the Software Development Lifecycle.

CyberFirst Advanced Residential Course   **Cardiff, UK**
National Cyber Security Centre   August 2022

- Developed understanding of Digital Forensics, Encryption, Open-Source Intelligence and Penetration Testing during a one-week residential course.

- Acquired further experience of collaboration with like minded and similar aged individuals whilst working through a series of complex challenges regarding the 4 key topics.

Pathway to your Future Virtual Work Experience   **Online**

Cisco   July 2022
- Gained an insight into departmental differences, whilst developing interview, problem solving and presentation skills through mock interviews and group tasks during a one-week virtual work experience program.

KEY SKILLS

- Experience with programming in Python, SQL, and Haskell.
- Knowledge of Windows and Linux operating systems.
- Creating Python based GUIs that utilise SQL to store and manage API and user-inputted data in a linked database, tailored to client needs and feedback.
- Understanding of the principles of user centred design.

EXTRA CURRICULAR EXPERIENCE

1000 Blyth Squadron, Royal Air Force Air Cadets   **Blyth, UK**
- Refined interpersonal skills during six years of attendance, including first aid, teamwork, leadership, and public speaking. Also, organised activities and supervised cadets as a Non-Commissioned Officer.

Volunteering at Kings Priory School   **Tynemouth, UK**
- Liaised with Primary School teachers by monitoring and identifying students reading abilities and allocating new reading resources as appropriate over 18 months whilst at Sixth Form.

EXTRA CURRICULAR INTERESTS

Member of the University of York Sailing and Windsurfing Club
- Participating in regular sessions; to advance existing Sailing skills, team racing competencies and learning to Windsurf.

Member of the University of York CyberSoc
- Attending sessions that cover an assortment of Cyber topics including; Cyber news, how to interact with Linux systems, and election fraud.

Attendee of the University of York Web and App Development Society
- Engage in society meetings that establish and develop understanding of JavaScript and CSS.

ACHIEVEMENTS & AWARDS

Academic

Cisco Introduction to Cyber Security	August 2020
iDEA Silver Award	February 2021
Cisco Networking Basics	February 2023
Microsoft Azure Fundamentals (AZ-900)	November 2023

Sport

RYA Dinghy Sailing Stage 1 to 4	August 2018 to August 2019
RYA Powerboat Level 2	May 2019
PADI Open Water Diver	August 2023
Gold Duke of Edinburgh Award	October 2023

REFERENCES

References are available upon request.