

SAANVI SETHI

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EDUCATION AND QUALIFICATIONS

Coventry University, Sep 2023 - Jun 2026

- BSc Computer Science (First Class Honours)
- Key Modules: Big Data/SQL, Artificial Intelligence, Operating Systems, Advanced Algorithms, Software Engineering, Data Science, Theory of Computation, OS Security and Networks, Python, C++, Computer Systems, Mathematics Skills for Coding Professionals, MQTT Project

WORK EXPERIENCE

Executive Officer, CyberWomen Coventry, Sep 2024 - Apr 2025

- Attended tech expos and career events with 20+ STEM employers
- Delivered workshops for students entering cybersecurity and cloud-based roles
- Communicated with multiple companies to invite them to network with the university

Work Experience, Three UK, Jun 2024

- Gained cross-departmental exposure in Business Analysis, Domain Architecture, IT Testing, Automation Testing & Project Management
- Observed operations of Mobile Core Network and billing systems
- Used Citrix to access and manage client-side systems

Work Experience, Airbus, June 2022

- Participated in case studies across Aerospace Engineering, Computing, and Marketing
- Contributed to group projects simulating real-world industry challenges
- Explored legal, IT, and software operations in the aerospace sector

Work Experience, Wood PLC, April 2022

- Analyzed sustainable engineering solutions for UK fuel systems
- Presented technical reports on CAPEX costs and business impact for environmental technologies

Volunteer, Ek-Asha Charity, Summer 2020 & 2021

- Taught Scratch and Python to ~50 students in India and the UK in both Odiya and English
- Fundraised to build an orphanage in Odisha and built a computer lab for STEM education

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, MATLAB, JavaScript, HTML/CSS, Assembly (x86), Linux (Bash)

Software & Tools: GitHub, Visual Studio Code, SQLite, JSON, RapidMiner, SolidWorks, Blender (basic), MS Office, DreamWeaver, ProLog

Key Areas of Knowledge: Software Engineering, AI, Mobile Core Networks, Cloud Computing (AWS/Azure), 3G/4G/5G architecture, LinkedIn promotional content, Fuzzy Inferencing, 3D Modelling

CERTIFICATIONS AND ACHIEVEMENTS

- MATLAB Machine Learning Certification
- Pandas/Dask Python Certificate
- AWS and Azure Cloud Certifications (In Progress)
- UKSDC Regional Winner
- Computational Physics Course (with the British Physics Olympiad)

PROJECTS

Portfolio: <https://xynox19.github.io/>
