Saanvi Sethi

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Profile

Computer Science undergraduate with a strong foundation in software development, AI systems, and cloud computing. Proven leadership and project experience across tech industries, with a passion for game development, data analytics, and building user-centric applications. Adept in C++, Python, cloud tools, and data pipelines, with hands-on exposure to mobile network architecture.

Work Experience

Executive Officer, CyberWomen Coventry Sep 2024 - Apr 2025
- Delivered cybersecurity and cloud workshops to cohorts of 20+ students.
- Coordinated outreach to 10+ companies, increasing corporate involvement in university events.
- Represented the university at tech expos and STEM career events.

Work Experience, Three UK Jun 2024
- Observed operations of mobile core networks and billing systems.
- Used Citrix to manage client-side systems in test environments.
- Rotated through Business Analysis, Domain Architecture, and Project Management.

Work Experience, Airbus Jun 2022
- Participated in 5 interdisciplinary case studies simulating industry challenges.
- Explored aerospace engineering, legal, and IT software operations.

Work Experience, Wood PLC Apr 2022
- Analyzed sustainable engineering solutions for UK fuel systems.
- Presented reports on CAPEX and business impacts of green technologies.

Volunteer, Ek-Asha Charity Summer 2020 & 2021
- Taught Scratch and Python to ~50 students in Odiya and English.
- Fundraised and built an orphanage in Odisha with a computer lab for STEM education in remote villages

Education

Coventry University | BSc Computer Science (First Class Honours), Sep 2023 - Jun 2026
Key Modules: Big Data/SQL, AI, Operating Systems, Advanced Algorithms, Software Engineering, Data Science, Theory of Computation, OS Security and Networks, Python, C++, MQTT, Mathematics.

Technical Skills

Programming: Python, C++, SQL, MATLAB, JavaScript, HTML/CSS, Assembly (x86), Prolog
Tools: GitHub, VS Code, SQLite, RapidMiner, DreamWeaver, SolidWorks, Blender, Altair AI
OS: Linux (Bash), Windows
Cloud & Data: AWS (in progress), Azure (in progress), MQTT, JSON
Other: MS Office, LinkedIn Content Creation, Fuzzy Logic Systems, Canva

Certifications & Achievements

- MATLAB Machine Learning Certification
- Pandas/Dask Python Certificate
- AWS and Azure Cloud Certifications (In Progress)
- UK Space Design Competition Regional Winner 2022
- Computational Physics Course (British Physics Olympiad)
- HarvardEx CS50's Introduction to Programming with Python

Links and Projects

Portfolio Website: https://xynox19.github.io/
LinkedIn: https://linkedin.com/in/saanvi-sethi-cs/