Tushar Vashista

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EDUCATION

University of Glasgow   **Glasgow, United Kingdom**
MSc Computing Science   *Sep 2024 - Sep 2025*
- Overall 1.1 (Predicted); Relevant modules - Programming & System Development, Enterprise Cyber Security, Introduction to Data Science and System, Internet Technology, Crypto Secure Dev, Human Centered Security

Cardiff University   **Cardiff, United Kingdom**
BSc Computer Science   *Sep 2020 - Jun 2024*
- Overall 2.1; Relevant modules - Large Scale Databases, Combinatorial Optimisation, Artificial Intelligence, Introduction to Computational Robotics, Communication Networks, Object Orientation, Algorithms and Data Structures
- Placement Year (2022-2023)

Amity Global School   **Gurugram, India**
International Baccalaureate Diploma Program   *Aug 2018 - May 2020*
- Subjects - Physics (HL), Mathematics (HL), English Language & Literature (HL), Computer Science

WORK EXPERIENCE

Cardiff University   **Cardiff, United Kingdom**
Development and Delivery Officer   *Sep 2022 - Aug 2023*
- Designed and developed STEM workshops for over 500+ students and 40+ teachers to teach computer skills and knowledge like computational thinking, programming, and algorithms
- Led MEDIC Project in collaboration with Cancer Research UK, to spread awareness of cancer treatment
- Delivering workshops at Cardiff council meetings, Newport Technology Exhibition, and Night of Science

Robotech Labs - IIT   **Delhi, India**
Summer Internship   *Jun 2019 - Jun 2019*
- Learned about the Internet of Things (IoT), Machine Learning, and Cloud Computing
- Led a 'Smart Car Parking System' group project, using Amazon Web Services (AWS) EC2 instances as servers, Node-RED, and Django

HGS India Limited   **Gurugram, India**
Summer Internship   *Jun 2018 - July 2018*
- Learned about Enterprise Networking, Local Area Networks (LAN), Virtual Private Networks, and inter and intra-network connection
- Assisting and learning about some aspects of database management and website maintenance
- Worked on my communication, problem-solving, teamwork, and time management

LEADERSHIP EXPERIENCE

Student Council President – Amity Global School   **Gurugram, India**
Council President   *Nov 2018 – Jun 2020*
- Led and managed monthly council meetings and duties with over 100 student council members
- Directed and organized events ranging from administrative (e.g. PTMs) to festive activities (e.g. International Day, Independence Day, Sports Day, and Graduation Ceremony), including resource allocation
- Resolved disputes between school staff and students or even among students, while functioning as a bridge between school staff and students for a peaceful learning environment
- Introduced promising self-improvement programs to school and student body like IAYP or IGCA awards program to encourage socially responsible behavior among students

SKILLS AND INTERESTS

Skills: Proficiency in Python, Java, HTML (Bootstrap & CSS), Cyber-security, Large-Scale Database Management, Algorithms, and Data Structures, AWS (EC2, IAM, Buckets, Routes), Data Optimization, and Visualization, Object-Oriented Programming, Google Colabs, Git Hub **Interests:** Cloud Computing, Gaming **Languages:** English, Hindi