

Akshat Barjatya

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SUMMARY

Currently pursuing **MEng Computer Science with Innovation at the University of Bristol, United Kingdom**. With prior experience in **IoT, data analysis, programming and design**. I'm actively seeking opportunities in the tech field and have the **right to work in the UK (20 hours a week) as well as United Arab Emirates (UAE) Golden Visa till 2033**.

EDUCATION

MEng Computer Science with Innovation | University of Bristol | Bristol, United Kingdom | September 2025 – Ongoing

- Combined technical computer science with innovation and entrepreneurship. Gained skills in software engineering, algorithms, and data analysis, alongside design thinking, product development, and interdisciplinary teamwork.
- Bachelor's to be completed by May 2028
- Integrated Masters between 2028-2029

Undergraduate Engineering Foundation Year | ONCAMPUS Southampton | Southampton, United Kingdom | 2024 – 2025

- Modules: Physics for Engineering, Pure Maths, Skills for Science. AAA*.

International Baccalaureate (IB), Courses | GEMS Modern Academy | UAE | 2023 – 2024

- Subjects: Computer Science HL, Business Management HL, English Lang Lit HL, Physics SL, Maths Analysis and Approaches SL.
- Extended Essay in Computer Science: Adaptation of Machine Learning Algorithms for Real Time Network Intrusion Detection.

WORK EXPERIENCE

Data Annotator | School of Computer Science, University of Bristol | April 2026 – Ongoing | Bristol, United Kingdom

- Data Annotator for an PHD Low-Light Machine Learning Submission, at the School of Computer Science, University of Bristol

Student Ambassador | Centre for Innovation and Entrepreneurship, University of Bristol | January 2026 – Ongoing | Bristol, United Kingdom

- Student Ambassador during open day and CFIE events.
- Setting up promotional materials and experiences for prospective students and parents.
- Showcasing detailed experiences of how it's like to be a Innovation student.

AI and Cyber Solutions Intern | RN Trust/RECRO-NET | July 2025 – July 2025 | Dubai, UAE

- Research and Analytical Intern for AI and Cyber Solutions at RN Trust
 - Collaborated with both Dubai, India and Italy technical and management teams.
 - Deployed SMTP protocols on brand websites.
 - Created and deployed an AI Chatbot with integration to existing solutions website (stratnumone.net) using ZohoCRM and SalesIQ
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- Worked with the NTP StratumOne platform to deploy and maintain concurrency with time-keeping solutions.
- Understood and implemented the STRIDE™ Project Management methodology.

IoT Niagara Platform Intern | DOTS Tech LTD | May 2022 - July 2022 | Dubai, UAE

- Research and Analytical Data Science Intern at DOTS Tech
- Seamlessly integrate with wide and diverse range of critical assets and machines.
- Combine large amounts of Data.
- Worked with the Niagara platform to understand how the company deploys IoT Devices.

EXTRACURRICULAR ACTIVITIES

- **Year 1 - Course Representative for MEng Computer Science with Innovation at the University of Bristol and Bristol SU.**
- **Vice President for TEDxYouth@DIA 2023.**
- **Head of Technology at DIATech 2023 @ Dubai International Academy**
- **Administrator for DIAMUN.**

LANGUAGES AND SKILLS

- **Languages:** English (Advanced proficiency), Hindi (Native Language), French (Intermediate proficiency) and Spanish (Beginners)
- **Skills:** IT Operations, SQL, Data Analysis, Informational Technology, Cybersecurity, Machine Learning, Internet of Things, Graphic Designing, Video Editing, Programming.

CERTIFICATES

- **Cisco Cybersecurity Essentials:** Foundational Concepts in Cybersecurity including network security, threat analysis, cryptography and secure Communications.
- **IBM Level 1 – Data Science Foundations:** Introduced basic data science concepts and methodologies including Python, Jupyter Notebooks and data analysis techniques.
- **IBM Cloud Essentials** – Covered cloud computing basics, IBM Cloud services and principles for deployment.
- **Mastercard and ANZ Cyber Security Virtual Experience Program** – Participated in a simulated virtual internship program involving real-world cybersecurity tasks like threat detection, risk mitigation and policy writing.
- **IBM Data Science Tools** – Hands on experience with tools such as Jupyter, RStudio and Watson Studio.
- **Coopera Training – RN Trust** – Hands of experience with the Coopera Interdata platform. Participated in various sessions on digital signatures, documentation and compliance.

Projects

- [Wafrr.live](#) | UAE's Newest Card-Banking Engine
A free, independent UAE credit-card comparison tool that shows upfront costs, salary requirements, and spend conditions across every card on the market – no bank affiliations, no sponsored rankings, just the data.
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- **Koda** | Joint Partnership with Jyotishk Ajmera
Research automation built to eliminate the manual labour of bibliography management. Offline-first, locally stored – one-click metadata extraction and automated formatting across Harvard, ISO 690, and more.
 - **InvestRite** | Multi-Bagger Stock Analysis iOS App
AI-powered stock recommendation engine for Indian and US markets. Combines quantitative signals with LLM-based evaluation – built for real investors, not just traders.
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AWARDS

- **Design Futures 2025-2026 Award, Centre of Innovation and Entrepreneurship, University of Bristol**
- **2019 World Scholars Cup Global Round Qualifier.**
- **Innovents – Innoventures Education Robotics Competition 2nd Place Award.**
- **Media Studies & Business Studies – Most Improved Award @ Dubai International Academy.**
- **Phillip Harris STEM Challenge 2019.**

References Available on Request