

Rahul Mehra

Phone: +44(0) 7494423331 • **Email** rahulmehra4@aol.co.uk • <https://www.linkedin.com/in/rahul-k-mehra/>
E-Portfolio: <https://rahulmehra03.github.io/e-portfolio/>

Self-motivated and enthusiastic individual with a broad knowledgebase on the fundamentals of computer science and a solid foundation in Python and Java, acquired through academic projects while also obtaining experience in HTML and CSS through personal initiatives such as designing a personal e-portfolio. Eager to apply my skills to real-world challenges while continuing to grow and develop my knowledge, work in high performance environments and overcome challenges.

Technology stack

- Python
 - Java
 - HTML
 - CSS
 - MySQL
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Education

The University Of Liverpool

(2023-Present)

BSc in Computer Science with Software Development

Modules specialising in:

- Artificial Intelligence
- Object-Oriented Programming in Java
- Python Programming
- Software Engineering

Carmel College

(2020-2022)

- A-Level Maths (Grade A)
- A-Level Chemistry (Grade A)
- A-Level Physics (Grade A)
- British Physics Olympiad Silver Award

Wade Deacon High School

(2015-2020)

10 GCSES consisting of:

- 4 Grade 9s
 - 4 Grade 8s
 - 2 Grade 7s
 - MOND Science event award (Gold)
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Skills and Strengths

- **Problem Solving** - Ability to break down complex algorithms, debug code efficiently, and optimize solutions. This allowed me to tackle diverse technical challenges both independently and in team settings through my education and prior work experiences.
- **Critical thinking and planning** - Analysing problems from multiple angles to devise effective strategies before coding. This has improved my efficiency in project execution and my ability to anticipate potential issues, ensuring well-structured, scalable solutions that fit the required criteria.
- **Time management** - Balancing coursework, projects, and deadlines throughout my computer science studies. Prioritized tasks and maintained a structured schedule to enable the highest quality results.
- **Teamwork and Collaboration** - Worked effectively with diverse teams on complex projects. By sharing knowledge, dividing tasks, and leveraging each member's strengths I set every project up for success.
- **Communication skills** - Convey technical concepts clearly and collaborated effectively with peers. Strong ability to communicate to anyone, clearly and succinctly, to ensure any idea is portrayed .
- **Adaptability and Flexibility** - Adjusted to new tools, languages, and methodologies, using prior knowledge while remaining open to feedback and alternative approaches. Enabled me to thrive in fast-paced environments and tackle unfamiliar problems with confidence.
- **Analytical Skills and Data Analysis**- Interpreted complex data, identified patterns, and made informed decisions. By applying these skills to coding and problem-solving, I've developed efficient algorithms and optimized systems based on data-driven insights.

Work Experience

JD Sports Fashion

(2022-2023)

Sales assistant

- collaborated effectively with team members to create a positive store environment, ensuring seamless operations and enhancing the overall customer experience.
- Utilized critical thinking to assess customer feedback and sales trends, enabling me to suggest improvements in product displays and inventory management that boosted sales.

Subway

(2020-2022)

Sandwich Artist

- Provided exceptional customer service by actively listening to customer needs, offering tailored product recommendations, and resolving issues promptly.

Infotel UK IT consulting

(2019)

- Project based work placement
- Managed a project timelines and deliverables, prioritizing tasks to ensure on-time completion while maintaining high-quality standards.

Interests

- Travel - Europe, Asia
- Languages - Fluent English, Beginner French
- Pc building
- Software mini-projects

References available on request