Rahul Mehra

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E-Portfolio: https://rahulmehra03.github.io/e-portfolio/

Self-motivated and enthusiastic individual with a broad knowledge base on the fundamentals of computer science and a solid foundation in Python and Java, refined 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 in high performance environments, to continue to develop my knowledge and skills in order to overcome challenges.

Technology stack

- **Python**
- **Java**
- **HTML**
- **CSS**
- **MySQL**

Education

The University Of Liverpool   **(2023-Present)**

BSc in Computer Science with Software Development
With 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)

Skills and Strengths

- **Problem Solving -** Ability to break down complex algorithms, debug code efficiently, and optimise solutions. This allowed me to tackle diverse technical challenges both independently and in team settings, especially 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. Prioritised 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 optimised 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.
- Leveraged data to assess customer feedback and sales trends, suggesting improvements in product displays and inventory management that resulted in a 33% increase in sales compared to previous years.

Subway   **(2020-2022)**
  Sandwich Artist
- Provided exceptional customer service by actively listening to customer needs, offering tailored product recommendations, and resolving issues promptly.
- Developed interpersonal skills through daily interaction with my team and customers alike.

Infotel UK IT consulting   **(2019)**
- Project based work placement
- Managed project timelines and deliverables, prioritising 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