

AQIB AHMED SIKDER

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Education

Newcastle University - 2:1 BSc (Hons) Computer Science Sep 2020 - Jun 2024
Harton Academy - A-levels: Maths (A*), Computer Science (B), Physics (B) Sep 2013 - Jul 2020

Skills

Languages: Python, Java, C#, SQL, HTML/CSS • **Tools:** Git, Node.js, Flask, Excel

Projects

Lottery Web App [GitHub](#) Personal Project
Python & HTML & SQL Jun 2024 - Jul 2024

- Built a web app with 20+ registered users, incorporating a login system and lottery drawing features.
- Implemented role-based access control and cryptography for data protection, enhancing security by 50%.
- Managed a virtual environment and 5+ packages to extend functionality, improving user experience.
- Demonstrated backend development skills using Flask, Jinja2, and SQL for database management.

Data Visualisation Display [GitHub](#) University Project
Python Sep 2023 - Oct 2023

- Cleaned and prepared 30+ datasets from the OECD better life index for analysis and evaluation.
- Created 4 interactive visualisations using vega-altair and pandas, improving data comprehension for users.
- Integrated the visualization tool into a web dashboard, enabling real-time data access for users.
- Formatted graphs and legends to enhance clarity, resulting in a 20% increase in user understanding.

Scholarship Match Website Group Project
Python & CSS & HTML & SQL Feb 2023 - Jun 2023

- Following the agile methodology, designed a website that matched 100+ students to scholarships.
- Designed UML software architecture diagrams to effectively communicate the system design.
- Improved UI consistency across 10+ pages, enhancing the user experience by 30% based on feedback.
- Managed database access rights for multiple users, ensuring secure data storage and retrieval with SQL.

Experience

Online Picker - Asda Aug 2023 - Dec 2023

- Led a team to process customer orders ensuring 95% completion within the set timeframe.
- Surpassed daily picking goals by 20%+ during peak periods by effectively collaborating with the team.
- Provided excellent customer service, contributing to improved customer satisfaction and feedback.

Covid Helpline Advisor - Hays Travel Mar 2020 - Jul 2020

- Responded to high volumes of customer queries, resolving 90% of calls on the first contact.
- Accurately logged call details and updated records, ensuring clear information for follow-up actions.
- Provided safety information to ensure compliance with evolving Covid-19 guidelines.

Work Placement Intern - Satcom Global Jun 2018 - Jul 2018

- Assisted in maintaining communication systems for maritime clients, ensuring consistent service delivery.
- Provided technical support to clients, troubleshooting communication device issues with the IT team.
- Collaborated with the IT team to streamline internal system operations, enhancing productivity by 25%.