

Muhamad (Mumin) Rahman | Student

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Professional profile

Second Year fulltime Software Engineering student at Manchester Metropolitan University looking for a web based industrial placements, mainly in front end development. I have basic to intermediate level of knowledge in HTML, CSS, Java, Python, PHP, JavaScript, and some bootstrap knowledge. I have developed these languages through self-study. As well as, getting more experience with the future developments of technological advancements though finding a placement year.

Education

Current Qualifications:

September 2019 – July 2022 BSc Software Engineering, Manchester Metropolitan University (Not achieved yet) – Average 77%.

Key Modules: Database Systems, Advanced Programming, Web Design and Development, Professional Development.

Modules:

Database Systems. Grade: 60.1%.

- Design relational databases using advanced modelling techniques (e.g., UML class diagrams), and create, maintain and write advanced queries on relational databases using a declarative language (e.g., SQL).

Advanced Programming. Grade: 65%.

- The unit covers information XML and JSON libraries, and creating a java product for a Aircraft database which plans pilots, crew and passengers to flights and aircrafts in certain areas.

Web Design and Development. Grade: 90%.

- Deploy client-side JavaScript libraries to add dynamic functionality within a web page.
- Use open-source tools and technologies to develop object-oriented and reusable server-side scripts that obtain, validate, process and store user input from web pages.
- Integrate client client-side and server-side coding into coherent web applications.
- Manage communication sessions to authorise users and perpetuate their data across multiple pages.

Professional Development. Grade: In progress.

- Work as part of team to collaborate on and produce a functional Discord Bot using node JS and sqlite3 to create and design a Kanban system following bot, Making use of JavaScript coding and database system knowledge in a relational database. Also made use of GitHub for version control and for a correct collaboration workflow.

Computer Systems Fundamentals. Grade: 64%.

- This unit provides an introduction to the fundamental principles and mathematics underpinning the design and construction of Computer Systems.

Information System. Grade: 65%.

- The unit covers information systems and databases. In term 1 this unit looks at Organisations, Systems Analysis and Design, and IS in Organisations. Here you will start a group project that lasts all year. The first part of the project involves analysing a real-world scenario and designing a system to deal with it. In term 2 you will cover databases and SQL (using ORACLE), and in the project you will implement the design you produced in term 1.

Introduction to Web Design and Development. Grade: 83%.

- Develop a small website, Create custom video controls using JavaScript and HTML5's video API. AS well as, some work in MySQL/PHP using a portable web server to create a Credit card validation application.

2017-2019 Oldham Sixth Form College

- BTEC Science (DM)
- A-Level Mathematics (D)

2016-2017, Royton and Crompton School

- 7 GCSEs GRADE A – C Including Mathematics, Triple Science and English.

Previous Work and Volunteer Experience

Nov 2019 – Feb 2021

WaiterPlus Ltd

Outline

Worked as a part time tester/programmer.

Mainly focusing on web testing for potential bugs and basic coding for websites.

Key Responsibilities

Find any potential bugs on developing websites and errors in coding, which helped improve understanding in the code and identifying problems and coming up with solutions to resolve them.

Have built a foundation of knowledge website coding with PHP and JavaScript, whilst also understanding code errors and finding the reasons they occur as well as solutions to the problems.

July 2017 – 3-week course

National Citizen Service (NCS)

3-week course of volunteering with local charities, teamwork building exercises by going on trips to Scotland and doing hikes in teams as well as supporting each other on wall climbing. Also, teamwork and time management were strongly exercised and worked on when creating charitable events as well as videos and marketing for donations towards the charity event that was held. as well as working on presentation skills when marketing for the charity event.

Additional

I have also partaken in different websites where I have learnt the types of coding such as JavaScript and Python, as well as though the use of numerous website building tutorials on YouTube. I am also keeping active by doing numerous sports, such as football and swimming. Whilst managing my time for University assignments and my daily activities and hobbies, such as tinkering with machinery, gaming and coding web pages.