

HUMAYRA CHOWDHURY

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PROFILE SUMMARY

A motivated, solution-oriented Computer Scientist with hands-on experience in building software and web application projects, along with a strong understanding of computer architecture and mathematical logic. Seeking immediate part-time roles and full-time internships in software & web development for the 2026/27 academic year. Eager to apply technical skills, problem-solving abilities, and a passion for cultivating ideas into functional and engaging software.

EDUCATION

Bachelor of Science in Computer Science

Queen Mary University of London | 2024 – Present | Expected Graduation 2028

- Currently in 1st year – Average 89%
- Modules taken include: Procedural Programming (84%), Object Oriented Programming (78.5%), Web Technology (91%) Computer Systems & Networks (90%), Automata and Formal Languages (97.5%)

A levels: Computer Science (A*), Mathematics (A), Business Studies (B)

The Marlborough Science Academy | 2022 – 2024

SKILLS

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| ▪ Programming languages: Java, HTML, CSS, JavaScript, Python (proficient); PHP, SQL (working knowledge) | ▪ Tools & Technologies: VS Code, PyCharm, GitHub, TKinter, Swing |
| ▪ Languages: Bengali (Fluent) | ▪ Soft Skills: Detail-oriented, quick learner, strong problem-solving abilities |

EXPERIENCE

Virtual Work Experience

Tata Consultancy Services (Online) | July 2023

- Conducted research and partook in activities surrounding technology and sustainability.
- Produced an innovative product idea that could support the company's initiatives.
- Developed creative problem solving and computer literacy skills.

PROJECTS

Horse Racing Simulator

Tools: Java, Swing, Java Graphics, Git

- Built an interactive horse race simulator with basic horse animations using Java Graphics.
- Developed UI using Swing components (sliders, spinners, text fields) to configure race.
- Implemented horse and track customisation affected performance (e.g. breed, weather).
- Used an object-oriented approach to model horses, races, and game logic.
- Used Git for version control with branching and structured commits.

Portfolio Website

Tools: HTML, CSS, JavaScript, PHP, MySQL

- Built a responsive static portfolio site, deployed on GitHub [h-chowdhury.github.io/portfolio] using Flexbox/Grid for compatibility and interactive CSS transitions.
- Developed a local dynamic version using PHP and MySQL (with phpMyAdmin) featuring user login and a blog function for posting entries to be displayed on the site.
- Enabled database storage to store and retrieve login data and blog content.