**Fahim Ahmed Begum  
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**GitHub:** https://github.com/F4H1M4HMED

**Profile:**

A second-year Computer Science student with strong skills in programming, database management, and cybersecurity. I am proficient in languages such as Python, HTML, CSS, and JavaScript, and have a passion for software development. I am seeking a year placement to apply my technical knowledge in a professional setting and further develop my skills through hands-on experience.

**Technical Skills:**

* **Programming Languages**: Python, HTML, CSS, JavaScript, Scheme
* **Web Development**: HTML, CSS, JavaScript, Responsive Design, Flexbox, Grid
* **Database Management**: SQL
* **Tools & Frameworks**: Flask, Django, Git, Visual Studio Code
* **Cybersecurity**: Basic knowledge of security principles and best practices
* **Software Proficiency**: Microsoft Office (Word, Excel, PowerPoint
* **Operating Systems**: Windows, Linux
* **Languages**: English (fluent), Spanish (fluent), Catalan (fluent), Bengali (fluent)

**Education:**

**Langdon Park Community School (Sixth-Form) – London**  
*09/2021 - 06/2023*

* A-Levels: Geography (B), Physics (B)
* BTEC Level 3: Information Technology (Distinction\*)

**Langdon Park Community School – London**  
*09/2016 - 05/2021*

* GCSEs: Mathematics (8), English (7), Spanish (9), Biology (8), Chemistry (8), Physics (8), Geography (7)
* BTEC Level 1/2: Information Technology (Distinction\*)

**Projects:**

**Supermarket Checkout System Simulation (Python):**

Developed a Python-based simulation to model and optimise customer flow through supermarket checkout lanes. The project involved creating and managing **regular and self-service lanes**, dynamically opening and closing lanes based on demand, and generating customers with varying basket sizes. The simulation focused on improving **operational efficiency** by minimising customer wait times. Key features included a **lottery system** for promotional purposes and **automated lane control**. This project demonstrated my proficiency in **object-oriented programming** through the design of custom classes for lanes and customers, and effective management of system states and behaviours.

**Library Management System (Python):**

Simple library management system using Object-Oriented Programming (OOP) principles. The project comprised two main classes: Book and Library. The Book class managed attributes such as title, author, and copies. It featured methods for displaying book information, borrowing a book (which decreased the number of available copies), and returning a book (which increased the number of copies). The ‘Library’ class was designed to manage a collection of Book instances. It included methods for adding books to the library's inventory, displaying all books, and finding a specific book by its title. The implementation of these classes demonstrated practical use of OOP concepts like encapsulation and object interaction, providing a foundational understanding of how to structure and manage a simple library system programmatically.

**Personal Portfolio Website (HTML, JS and CSS):**  
Designed and developed a responsive portfolio website to showcase my projects and skills. The site features a clean**,** user-friendly design, with a focus on HTML, CSS, and JavaScript for front-end development. Implemented a dynamic navigation bar and customised header design. The site is fully responsive, ensuring a seamless experience across devices. This project showcases my ability to design, code, and deploy a personal web platform while adhering to best practices in web development and UI/UX design.

**Employment History**

**Perfumes of Arabia – Sales Assistant**  
*12/2023 - Present*

* Promoted perfumes and encouraged customers to make purchases through upselling.
* Managed daily store opening and closing procedures while maintaining high security standards.
* Replenished stock and kept displays organized and presentable.

**Titanium Tutors – London – Personal Tutor**  
*02/2024 - Present*

* Provided one-on-one tutoring sessions to GCSE and A-Level students, both online and in-person.
* Assisted with content teaching, exam practice, and setting homework for students.

**Sports Direct – London – Retail Assistant**  
*08/2022 - 09/2023*

* Assisted customers with merchandise selection and completed sales transactions.
* Handled daily opening and closing procedures, while ensuring security protocols were followed.

**Hobbies and Interests**

I am an active individual with a passion for sports, including football and jogging. I also enjoy gaming and using my technical skills to explore new technologies. Additionally, I engage in voluntary work for charities, including St Claire’s Hospice and the British Heart Foundation.