**ISHRAQ AFZAL**

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Ambitious and highly motivated second year Computer Science student in **The University of Hong Kong** with a strong passion for programming and a determination to excel. Eagerly seeking summer internships to gain hands-on experience in the field of Computer Science while learning from industry professionals and further honing my technical skills.

**WORK EXPERIENCE**

**PROGRAMMING INTERN** JAN 2024 - Present

Speech, Language, and Reading Lab | The University of Hong Kong |  *Hong Kong SAR*

* Collaborated with a team of developers to design and develop mobile games specifically tailored for individuals with Special Educational Needs (SEN).
* Utilized Unity and C# to create engaging and interactive gameplay experiences.
* Assisted in the optimization of game performance and debugging of issues to deliver high-quality mobile games.

**STUDENT TEACHING ASSISTANT, ENGG1330 Computer Programming I** Sep 2023 – Dec 2023

The University of Hong Kong |  *Hong Kong SAR*

* Instructed and mentored a class of 10-15 students in ENGG1330 Computer Programming I, an introductory course on programming using Python.
* Guided students through hands-on programming exercises, providing individualized support and feedback.
* Facilitated discussions and answered questions to enhance students’ understanding of programming principles and problems.

**PROJECTS**

**WEBCHAT APPLICATION**

* Developed a Web Chat application using various frontend and backend technologies such as JavaScript, PHP, and MySQL that allows users to login with their HKU email address and exchange real-time messages with other logged-on users.

**PASSENGER FLIGHT STATISTICS WEB APPLICATION**

* Developed a user-friendly responsive web application that retrieves and displays passenger flight statistics from Hong Kong International Airport Open Data based on the specific date selected by the user.

**ONLINE MULTIPLAYER TIC-TAC-TOE GAME**

* Utilized multi-threading and socket programming in Java to develop an intuitive graphical user interface based online tic-tac-toe game.

**EDUCATION**

**The University of Hong Kong** | Bachelor of Engineering in Computer Science Sep 2022 – Present

* Awarded the HKU Belt and Road Scholarship which covers full tuition.
* Relevant Coursework: COMP3322 Modern Technologies on the World Wide Web, COMP2396 Java and OOP, COMP2119 Introduction to Data Structures and Algorithms, COMP2121 Discrete Mathematics, ENGG1340 Computer Programming II, ENGG1330 Computer Programming I,

**SKILLS**

**Programming Languages:**  Python | Java | JavaScript | C | C++ | C# | HTML | CSS | PHP | SQL

**Frameworks & Libraries:**  React | Express | MongoDB | Node.js | Vue.js | jQuery | MySQL