ASIM KHAN NIAZI

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**Education BS Computer Science FAST-NUCES** *September 2020* ‑ *June 2024* CGPA [**2.93**]

# Professional Summary

As a highly motivated and ambitious Computer Scientist, I am eager to apply my technical skills and gain hands-on experience through my work in the field of computer science. With a solid foundation in programming languages and a passion for problem-solving, I have completed various projects during my degree, demonstrating my ability to work effectively both independently and in a team.

# Related Courses

Object Oriented Programming Data Structures Design and Analysis of Algorithms Operating System Python Fundamentals Java Script

HTML & CSS Computer Organization and Assembly Language

Database Management

**Skills**

* Web Development (HTML, CSS, Java Script)
* **Programming Languages:** JavaScript, Python Fundamentals, C, C++, Assembly
* **Tools:** VS Code, Node.js, Express.js, SQL, Visual Studio

# Professional Experience

## Internship Experience

**Developer Intern | Code Alpha | Remote | July 2023 – August 2023** • Worked remotely as a developer intern. • Focused on C++ development, including various projects and tasks. • Contributed to web development projects, utilizing technologies such as HTML, CSS, and JavaScript.

**Developer Intern | Code Soft | Remote | July 2023 – August 2023** • Conducted C++ development work, including coding and debugging. • Collaborated on projects related to C++ and its applications.

# Selective Projects Dodge-EM Game | C++

# Developed a Dodge-EM game using C++.

* Implemented object-oriented programming concepts to manage game entities and logic.
* Included features such as scoring, difficulty levels, and dynamic gameplay.

**Hostel Management System | C++**

* Designed a comprehensive Hostel Management System using C++.
* Utilized object-oriented programming principles to handle data management for hostel operations.
* Features include room allocation, student management, and report generation.

**Dictionary | Hash Data Structures**

* Created a dictionary application using hash data structures.
* Implemented efficient word lookup, insertion, and deletion operations.
* Incorporated features for word definitions and synonyms.

**Airline Management System | Database Systems**

* Developed an Airline Management System using advanced database concepts.
* Included functionalities for booking management, flight scheduling, and passenger information handling.
* Utilized relational database management systems for efficient data storage and retrieval.

**Car Race Game | Assembly Language**

* Developed a Car Race Game using assembly language.
* Implemented low-level programming techniques to achieve smooth graphics and game mechanics.
* Focused on optimizing performance and handling user inputs effectively.

**Basic Restaurant Website | HTML & CSS**

* Designed and developed a basic restaurant website using HTML and CSS.
* Included features like menu display, reservation forms, and contact information.
* Focused on creating a responsive and visually appealing design.

**Portfolio | HTML, CSS & JavaScript**

* Recently created a personal portfolio website using HTML, CSS, and JavaScript.
* Showcases various projects and skills with interactive elements and modern design.
* Emphasized usability and aesthetic appeal to highlight professional achievements.

# Certifications

* **Internship Certificate** *by Uworx.co.uk*

# Extra-Curricular Activities

ICIT, Daira Management