

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