Saad Ahmed

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Islamabad, Pakistan

Experience

LABORATORY DEMONSTRATOR
NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES | AUG 2024 – DEC 2024

- Worked as a lab teaching assistant for CL2001 – Data Structures
- Evaluated classwork and assisted students in debugging C++ code

Education

BACHELOR OF SCIENCE, COMPUTER SCIENCE
NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES | 2022 – 2027

- Current GPA: 3.31/4.0
- Coursework: Data Structures, Object-Oriented Programming, Digital Logic Design, Introduction to ICT, Calculus I & II, Discrete Structures, Linear Algebra, Probability & Statistics, Technical & Business Writing

A LEVELS, PRE-ENGINEERING
BEACONHOUSE MARGALLA CAMPUS, ISLAMABAD | 2020 – 2022

- Grade: 2A, 1B – IBCC Equivalence: 915/1100

Projects

ANT COLONY OPTIMISATION

Implemented multimodal optimisation in Python to classify a colony based on speciation and location

COINWARS

Programmed a human vs computer game in C++ SFML, utilising an AVL tree and a shortest-path algorithm

CHESS

Programmed a simplified, command-line game of chess in C++ for two players

PORTFOLIO WEBSITE

Developed a personal web portfolio using HTML and CSS; hosted via GitHub Pages

Skills

Computing Languages: C++, SQL, Python, HTML, CSS
Tools & Technologies: GitHub, Visual Studio, Microsoft SQL Server, WinForms, Ubuntu, Proteus Design Suite
Natural Languages: English, Urdu, Hindi