

Hassaan Farooq Malik

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Coding Creativity into Optimized Solutions

- **Expert Debugger:** Debugged projects, assignments & lab codes of more than 50 students, helping the students to get in-depth knowledge and improving their skills as a lab demonstrator at FAST National University of Computer and Emerging Sciences.
- **Enthusiastic:** Energetic person with a deep interest in computer science.
- **Team Player:** Worked well with others on various group projects, sharing ideas and efforts to achieve success together.

C++, Python, Java, C
SQL Server,
HTML, CSS, React
Nodejs

Work Experience

Teacher's Assistant for Computer Networks – NUCES

April 2024 - Current

- Assisted Computer Networks instructor with class activities and student support.
- Helped in grading assignments and preparing course materials for effective learning.

Lab Demonstrator – Computer Networks - NUCES

April 2024 - Current

- Guiding and assisting students in applying theoretical knowledge to practical programming tasks, aiding them to a deeper understanding of Socket programming and Cisco tracer packets
- Speedily finding and fixing problems in students' code during lab sessions, helping everyone learn better
- Carefully assessing and grading students' tasks, providing helpful feedback to support their ongoing progress.

Lab Demonstrator – IICT - NUCES

August 2023 - January 2024

- Assisted students with Microsoft Office applications (Word, Excel, Access, PowerPoint), as well as HTML and CSS, during lab sessions
- Evaluated how students were doing by using quizzes, assignments, or hands-on activities to figure out what they understood well and where they needed to improve.

Education

BSc, Computer Science - National University of Computer and Emerging Sciences

June 2025

- **Courses:** Computer Networking, Object Oriented Programming, Data Structures, Design & Analysis of Algorithms, Software Design & Analysis, Database Systems, Operating Systems, Theory of Automata, Technical & Business Writing

Certificates & Achievements

- Charts and Dashboard using google sheets.
- Member of Marketing management in Nascon
- Top 40 in speed Programming competition at Nascon 2023
- Participated in Badminton Competition for APSAC

Projects

- Burgerabad – Simple fast Food Restaurant Website Using HTML and CSS
- Game – Brick Smasher (Game) Using assembly Language & Rush Hour (Game) Using C++
- Number Generator – Random 6 Bit Generator using proteus & Implementation on breadboard
- Oladoc – Hospital Management System using C++
- Flex Academic Portal – Created academic portal using C# .net asp core and sql database