

# UMAIR MAQSOOD

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## EDUCATION

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### **BS Computer Science**

National University of Computer and Emerging Sciences (FAST-NUCES), Lahore  
2023 – Present

### **Intermediate in Computer Science (FSc) – Pre-eng**

PIASS College, Kasur 2021 – 2023

**Marks :** 1003/1100

### **Matriculation – Science**

Allama Iqbal Public High School, Kasur  
2019 – 2021

**Marks :** 1093/1100

## Skills

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### **Programming Languages:**

C++ (using Visual Studio Code), Assembly Language (Intel 8086), HTML, CSS, Java-script, React-Native,

### **Core Computer Science Concepts:**

Programming (OOP), Data Structures & Algorithms (DSA), Computer Organization & Assembly  
Language (COAL), Digital Logic Design (DLD). Object-Oriented

**Currently Studying:** Database Management Systems (DBMS), Operating Systems (OS).

### **Tools & Platforms:**

Visual Studio Code, Dosbox, LogicWorks (Digital Circuit Simulation), MySQL, Git, Github

### **Technical Skills:**

Algorithm Design, Problem Solving, Debugging, Circuit Design & Simulation.

### **Soft Skills:**

Team Collaboration, Time Management, Stress Management, Willingness to Learn.

## **PROJECTS**

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### **Expense Tracker :**

**Technologies:** React Native, Type-script

Developed a cross-platform mobile application to track and manage shared expenses among users. Utilized React Native with Type-script to create a responsive and user-friendly interface. Applied modular component architecture and state management to ensure scalability, maintainability, and smooth user interactions.

### **Social Media Application**

**Technologies:** C++, Object-Oriented Programming (OOP)

Developed a basic social media console application implementing core OOP concepts such as classes, inheritance, encapsulation, and polymorphism. Features included user profiles, posts, and friend management.

### **Word Catcher Game**

**Technologies:** Assembly Language (Intel 8086)

Built an interactive text-based game in Assembly language where players catch falling words.

Demonstrated understanding of low-level programming, memory handling, and logic flow using dosbox

## **Hobbies**

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Cricket , Traveling, Photography, Football, Watching Documentaries (Technology, History, and Real-Life Stories)