
Muhammad Taimur Aamir

+92-331-5033422 | taimuraamir0302@gmail.com | [M.Taimur LinkedIn](#) | [GitHub](#)

Computer Science Student

Excel at solving problems and communicating data driven solutions

Education

National University of Computing and Emerging Sciences

Aug / 2021 - Current

BS Computer Science (CGPA - 3.36)

Notable Courses: Artificial Intelligence, Software Engineering, Databases, Parallel Computing, Statistical Modelling, Numerical Computing, Data Structures and Algorithms, Operating Systems.

Skills

- C++
- React
- Javascript
- Software Design
- Python
- Unity3D

Experience

Web Game Developer (GrayHat)

June - Aug / 2024

- Worked on three distinct web-based games using React and TypeScript, with a focus on creating dynamic and interactive user experiences, while keeping a responsive design.
- Utilised a Playroom SDK (create-multiplayer-games) to implement multiplayer routing, enabling seamless real-time interactions between players

Unity Developer (Mindstorms Studio)

June - Aug / 2023

- Led a team to develop a mobile game on Unity 3D.
- Played a major part in level design, mechanics and animation.
- Handled version control and parallel work with github.

Programming Fundamentals Lab Demonstrator (FAST Islamabad)

Aug - Dec / 2023

- Guided students through the linux operating system, taught them best coding practices, and helped them in tackling different problems in the tasks.

OOP Teacher Assistant (FAST Islamabad)

Aug / 2023 - May / 2024

- As a teacher assistant, I helped design quizzes, assignments and projects, checked completed work for accuracy, and conducted assignment and project demos and vivas. I provided feedback to students to support their learning experience.

Projects

- **Automatic Time Table Scheduler:**
 - Efficient time table generation using genetic algorithms for optimal scheduling in python.
- **Neural Network implementation:**
 - Used the concept of multithreading to create a working neural network in C/C++.
- **Finance Management System:**
 - Built a desktop application using design patterns from the "Gang of Four: Design Patterns". Built in Java, JavaFX and MySQL.
- **Events Management Portal - ASP.NET, MySQL:**
 - A web application utilising SCRUM and AGILE methodologies for efficient software engineering, built with the use of ASP.NET windows forms and MySQL.