

Muhammad Umer Khan Niazi

+92 339 213 3364 | umerkniazi@proton.me | [linkedin.com/in/umerkniazi](https://www.linkedin.com/in/umerkniazi) | github.com/umerkniazi | umerkniazi.dev

EDUCATION

University of Engineering and Technology

BS Artificial Intelligence | GPA: 3.25/4.0

Lahore, Pakistan

2025 – Present

Forman Christian College

Intermediate Computer Science

Lahore, Pakistan

2022 – 2024

PROJECTS

WMUS | *Python, curses*

2026 – Present

- Built a fully-featured terminal music player with queue management, shuffle, search, and album browsing
- Implemented real-time TUI using Python's `curses` library for direct terminal control and keypress handling
- Designed event-driven architecture separating audio playback, UI rendering, and library management

Waddle Away | *Godot, GDScript*

2026

- Developed a 2D endless runner game with procedural obstacle generation and progressive difficulty scaling
- Published on itch.io with a fully playable web build accessible without installation
- Implemented game loop, collision system, and animation state machine from scratch

TECHNICAL SKILLS

Languages: Python, C++, GDScript

Tools & Platforms: Git, Linux, Godot

Libraries: NumPy, Pandas, curses