

Yuvraj Kumpavat

[LinkedIn](#) | [Itch.io](#) | [GitHub](#)

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## Gameplay Programmer

I'm currently a 3<sup>rd</sup> year undergraduate student pursuing BSc (Hons) in Games Design and Programming at University of Staffordshire. I am passionate about game development especially in physics-based programming. I enjoy running in marathon, shredding with my skateboard, playing tennis and playing video games in general.

### Areas of Expertise:

- Frameworks: Unity, Unreal Engine, SDL2, OpenGL, Raylib
- Languages: C, C++, C#, Python, Bash
- Tools: Git/GitHub, VMWare
- Operating System: Linux, Windows
- Analytical Skills
- Project Management
- Physics

### Projects:

- **GuffaWing (Global Games Jam 2024)** – AI Programmer and 2D Animator
- **The Invertor (ScoreSpace Game Jam)** – Gameplay Programmer
- **50mon (Pokémon Rip-off)** – Harvard GD50 project
- **Climate Crusaders (STARS summer research project)** – Lead Researcher and Programmer
- **Escaping the Integrity (WASD Jam 2025)** – Gameplay Programmer

### Hobbies:

- Motorsport
- Tennis
- Physics
- Skateboarding
- Marathon

### Education:

- University of Staffordshire – BS, Games Design and Programming [Sep 2022 - ]
- Lexicon International School, Pune – Science branch (PCM) [2019 – 2021]
- Mount St. Patrick Academy – Grade A [2009 – 2019]