

# YUVRAJ KUMPAVAT

P R O G R A M M E R

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## PROFESSIONAL OVERVIEW

I'm currently a 3<sup>rd</sup> year soon-to-graduate undergraduate student pursuing BSc (Hons) in Games Design and Programming at the University of Staffordshire. I am passionate about programming in C and C++ and game development. I've also written a decent amount of Python, HTML, and C#. I love physics and motorsport, specifically 24 Heures Du Mans aka Endurance racing.

## WORK EXPERIENCE

### Unreal Racing Physics

University of Staffordshire

- Made a whole racing physics from scratch in Unreal Engine 5
- Supports all drivetrains – FWD, AWD, RWD
- Can compete with the Unreal's Chaos Vehicle Physics

### Twin Flames

University of Staffordshire

- Lead Programmer for the collab development Team 23 from Stoke branch.
- Team consisted of half London students and half Stoke students.
- Local co-op game where the player is a candle in a wizard's castle.

### Bubba Gramp

Global Games Jam 2025

- Gameplay programmer for a puzzle platformer game.
- Worked on the powerups and other gameplay systems.
- Ranked #443 in [Dunkey's Big Mode Jam](#) out of 829 entries.

## EDUCATION

BSc (Hons) in Games Design and Programming

University of Staffordshire  
2025

## SKILLS

- Communication
- Teamwork
- Critical thinking
- Time management
- Leadership
- Adaptability

## SKILLS++

- C, C++, C#, Python
- Unity, Unreal Engine
- Git/GitHub
- Windows, Linux

## HOBBIES

- Skateboarding
- Tennis
- Motorsport
- Gaming