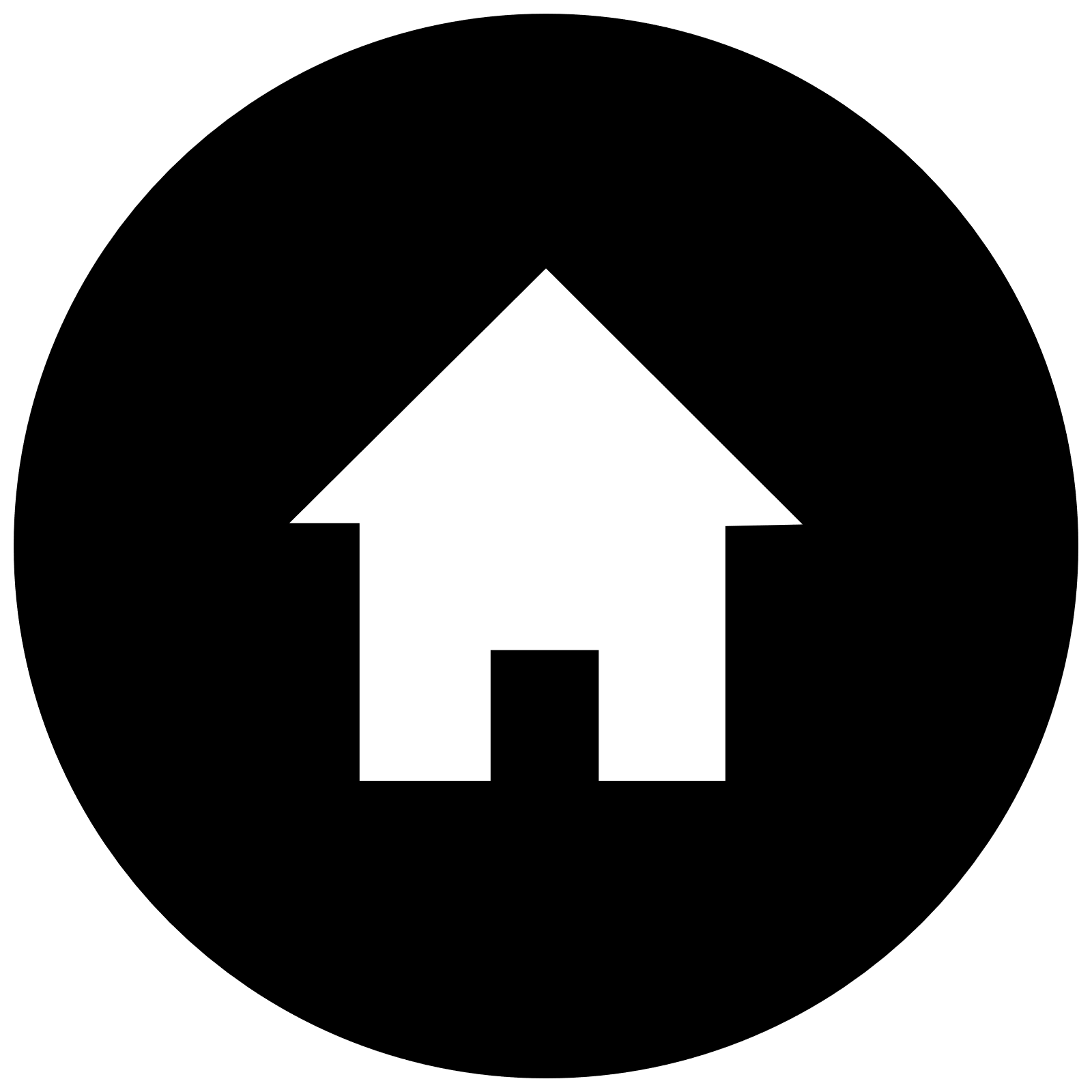
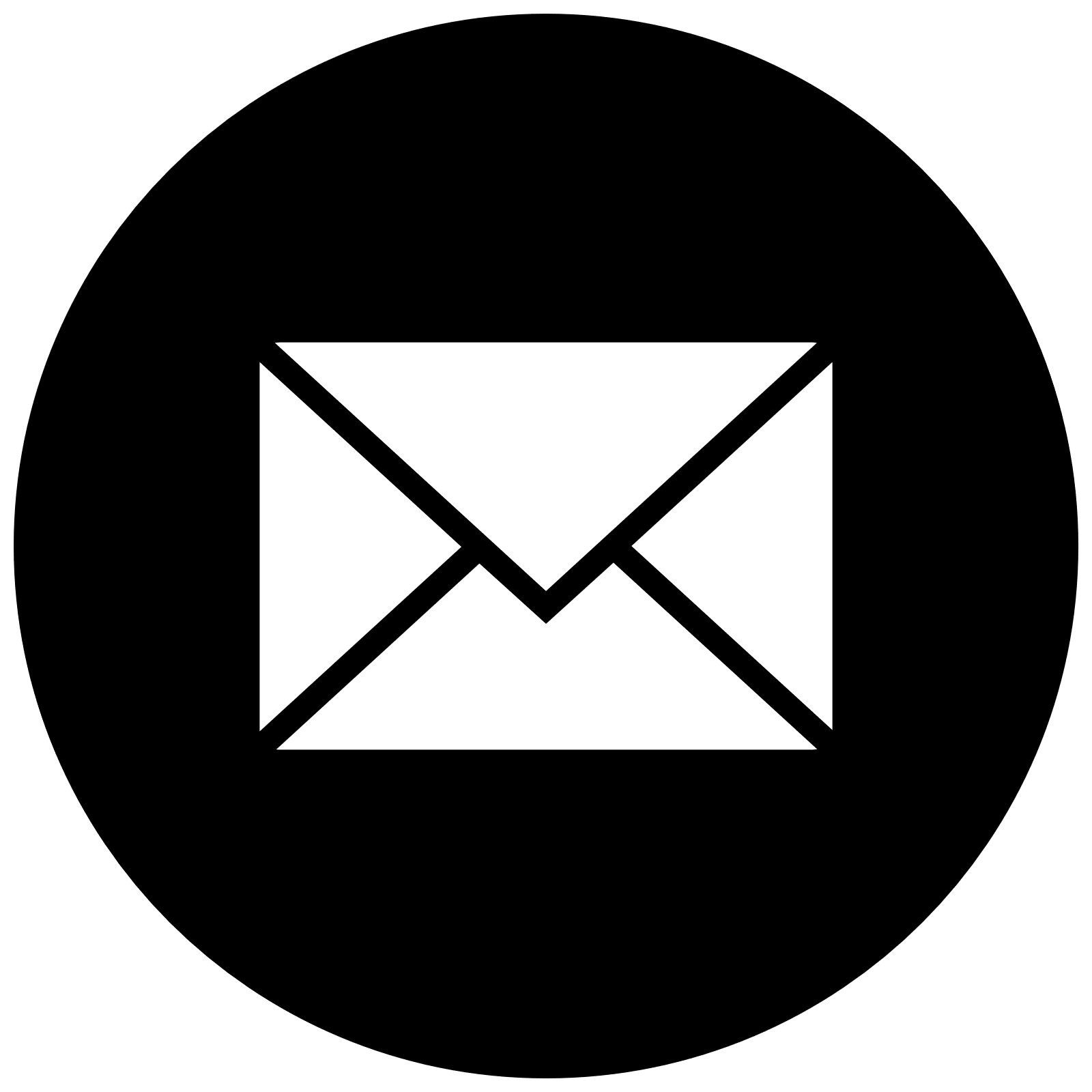
Yuvraj kumpavat

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programmer

# Work Experience

## [Unreal Racing Physics](https://youtu.be/_QO-it6wOjI)

### 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](https://asgs.itch.io/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](https://amiknowntou.itch.io/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](https://itch.io/jam/bigmode-game-jam-2025/rate/3298086) 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

# Professional Overview

I’m currently a 3rd 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.

# Hobbies

* Skateboarding
* Tennis
* Motorsport
* Gaming