# Introduction Video University of Aalto

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### = Self Introduction



Herschel Pravin Pawar



# = Highlights

- + Coventry University's Summer School Game Jam
- + GMTK's 2023 Game Jam
- + Bevy

## Continous Change

## 2D Platformer

## == Coventry University's Summer School Game Jam

=== Hero Switching



Figure 1: Hero Switching

#### === Us



Figure 2: Us

#### === Player Architecture

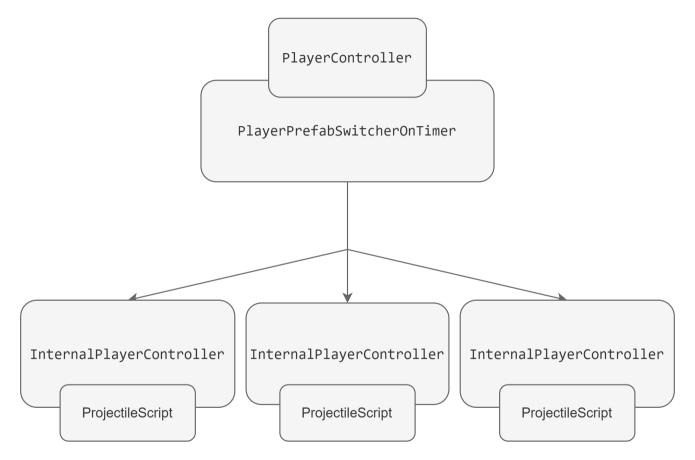


Figure 3: Player Architecture

## Roles Reversed

### == GMTK's 2023 Game Jam

=== Screenshot



Figure 4: Screenshot

#### == GMTK's 2023 Game Jam

=== Invaders Shooting



Figure 5: Invaders
Shooting



Figure 6: 2 Invaders

#### === Gameplay

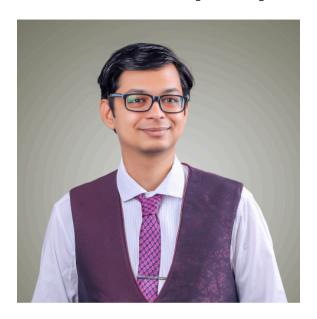


Figure 7: Gameplay

## == Bevy

## == VRCX Insights

- 1. Single Threaded
- 2. Multithreading
- **3.** ???
- 4. GPU
- 5. Profit?

## == Booth Archiver

- 1. Manually Maintained Excel Sheet
- 2. Power Automate
- 3. Python
- 4. Rust Single Threaded
- 5. Multithreading

## == Photoshop

# == Pixel Art and Vector Graphics



## == Scanlation

## == Logo



Figure 8: Logo

#### == GIMP Palette Creator



Figure 9: Original Image



Figure 10: Quantized Image



Figure 11: Palette



# = Background



# = Why Aalto?

# = Conclusion



« ... I am a mosaic of everyone I've ever loved, even for a heartbeat. »

<u>viridianmasquerade</u>

« I am the culmination of everything I've learnt » Herschel Pravin Pawar