











Herschel Pawar

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*Enthusiastic learner, curious about everything.
Looking forward to work on projects that make a difference*



Education

	Global Summer School Coventry University	1st July 2024 - 26th July 2024 CU Coventry, 8 Mile Lane, Coventry CV1 2TU, United Kingdom
	Bachelors of Engineering in Information Technology University of Mumbai	2020 - 2024 MGM College of Engineering and Technology, Kamothe, Navi Mumbai, India
	Higher Secondary School Certificate Central Board of Secondary Education	2018 - 2020 Greenfingers Global School, Kharghar, Navi Mumbai, India
	Secondary School Certificate Indian Certificate of Secondary Education	2008 - 2018 Sanjivani International School, Kharghar, Navi Mumbai, India

Projects & Associations

VRCX Insights

Personal Project

- A simple program to find out the various friend circles which might exist via the data collected by VRCX
- Written in Rust, it uses the SQLite database created by VRCX to find out the friend circles

Data Mining Rust SQLite SQLx tokio

2023 - Present
 pawarherschel/vrcx-insights

Booth Archiver

Personal Project

- A simple CLI tool to archive the contents of your booth wishlist
- Written in Rust, it scrapes the Booth website and downloads images for each item
- It then converts the data into an Excel spreadsheet and writes markdown files for each item

Web Scraping Rust Rayon ureq Excel

2023 - Present
 pawarherschel/booth_archiver

Fractured Elements

Coventry University Summer School '24 Game Jam

- "Fractured Elements" is a 2D platformer developed for Coventry University's Summer School Game Jam.
- The main character changes form every few seconds and each form has a unique associated attack.
- Available on itch.io (<https://pawarherschel.itch.io/fractured-elements>)

Game Development Unity C#

July 26th 2024
 pawarherschel/CovUniGJ2024

Cosmos Conquerors (GMTK2023)

GMTK2023 Game Jam

- A game made for the GMTK Game Jam 2023, the theme was 'Roles Reverse'.
- This is a simple game where the roles from the game Space Invaders are reversed.
- Available on itch.io (<https://pawarherschel.itch.io/cosmos-conquerors>)

Game Development Godot GDScript

2023
 pawarherschel/GMTK2023

Various Simple Games made in Godot

Personal Projects

- Various simple games made in Godot as Proof of Concepts
- Jump Cat, Meme Invaders, Maze Generation, Pop The Lock, Magical Marshmellow, Game Of Life, Minesweeper, Pong, Snake

Godot GDScript

2021
 SakuraKat

Certificates

1st - 26th July 2024	Certificate of Participation in Coventry University Summer Schools Games Design Programme , Shawwna Pomeroy (Programme Manager - Summer Schools)	Coventry University, United Kingdom
1st - 26th July 2024	Certificate of Participation in Coventry University's School of Computing, Mathematics and Data Science Summer School in Game Development , Adam Worrallo (Head of Summer School), Faye Mitchell (Head of School), Becky Butler (Dean of College)	Coventry University, United Kingdom

Publications

Social Circle Mining in VRChat Through Activity Frequencies Using Fuzzy DBSCAN

(ongoing)

2023 - Present
🔗 [pawarherschel/vrcx-insights](#)

- Ongoing research project to find out the various friend circles which might exist via the data collected by VRCX
- Uses Fuzzy DBSCAN to cluster users based on their activity frequencies

Skills

Languages	English Hindi Marathi
Projects	Rust GDScript
Libraries	prost Clap Rayon ureq SQLx tokio
Personal Interests	Manga & Scanlation VRChat Game Development
Software Tools	Git Photoshop Godot Microsoft Word
Knowledge Areas	Docker Cloudflare Ansible Linux Power Automate Web Scraping