

Herschel Pawar



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

Education

 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

2023 - Present

Personal Project

 [pawarherschel/vrcx-insights](https://github.com/pawarherschel/vrcx-insights)

- 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

Booth Archiver

2023 - Present

Personal Project

 [pawarherschel/booth_archiver](https://github.com/pawarherschel/booth_archiver)

- 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

Tachiyomi Backup to AniList

2024 - Present

Personal Project

 [pawarherschel/tachiyomi-backup-to-anilist](https://github.com/pawarherschel/tachiyomi-backup-to-anilist)

- A simple CLI tool to sync manga from Tachiyomi backup to AniList
- Tachiyomi's backup is a gzipped protobuf file, this tool reads the file and syncs the manga to AniList

Stock Crasher

2023

Personal Project

 [SakuraKat/stock-crasher](https://github.com/SakuraKat/stock-crasher)

- A silly cli tool to show the current price of a stock in VRChat using OSC
- It gets the stock price from Yahoo Finance and sends it to VRChat via the OSC protocol

Cosmos Conquerors (GMTK2023)

2023

GMTK2023 Game Jam

 [pawarherschel/GMTK2023](https://github.com/pawarherschel/GMTK2023)

- 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>)

Various Simple Games made in Godot

2021

Personal Projects

 [SakuraKat](https://github.com/SakuraKat)

- 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

Publications

Social Circle Mining in VRChat Through Activity Frequencies Using Fuzzy DBSCAN

2023 - Present

(ongoing)

<https://github.com/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

Project Rust | GDScript

Libraries prost (Rust) | Clap (Rust) | Rayon (Rust) | ureq (Rust) | SQLx (Rust) | python-osc (Python)

Personal Interests Manga & Scanlation | VRChat | Game Development

Software Tools Git | Photoshop | Godot | Microsoft Word

Knowledge Areas Docker | Cloudflare | Ansible | Linux | Power Automate