Ritwik Puri

GitHub: github.com/phot0n
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Projects

1. Collaborative Filtering

- Made a comprehensive static website for the project. Have a look:
https://phot0n.github.io/CollabFil/

- Did research on Collaborative Filtering and implemented the same using K- Nearest Neighbours (KNN) for Movie Recommendation

2. Video Summarization

- Developed a fully functional Flask based web app for tracking and classifying the important events within surveillance video and managing summarized videos interactively using openCV..

- Github Repo:
https://github.com/phot0n/sp5-VideoSummarizer

3. Ray Casting

- Made a Simple First Person Game Engine using Raycasting on Terminal using the `ncurses` library (for terminal manipulation)

- Used ascii characters to display/render the "world" making things more immersive to the player by rendering things at various distances with different ascii-characters, providing Depth in the Field of View.

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Experience

07/2020 - 08/2020
1. LeadingIndia.ai - Intern

- Worked on the area/problem of Image Inpainting

- Made this user-friendly by making a fully functional web-app.

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Open Source

01/2020 - 05/2020
1. Pitivi

- Pitivi is an open source video editor. It's backend is based on GES (Gstreamer editing services) and (most of) the frontend/UI is based on GTK+. To know more about the project:
http://www.pitivi.org/

- My Contributions:
https://gitlab.gnome.org/GNOME/pitivi/-/commits/master?author=ritwik

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Skills
- **Languages**: Python, C (beginner)
- **Frameworks**: Flask, Django
- **Other(s)**: Git, SQL, Linux, AWS (S3, EC2)

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Certifications
1. AWS Certified Cloud Practitioner

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Education

08/2017 - 06/2021 : (Currently Enrolled)
Bennett University, Greater Noida

- B-Tech in Computer Science

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