

Poster Session Peer Review

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WalkSafe : Finding Safest, Shortest Path in Manhattan (Kasey Luo, Daniel Guillen, Shannon Yan)

In my opinion, this is a pretty interesting use case of AI. Modelling it as a state search problem is really interesting. A lot of projects are either reflex projects, or one of the mainstream AI projects on simulated Atari games.

Safety is a big concern in today's society, and has been growing everyday. Tackling problems like these additionally makes a huge impact on the society.

BlurryFace (Behzad Haghighi, Animesh Koratana, Roy Nehoran)

GANS has gained a lot of popularity in the recent days. Style GANS has become very popular due to the astonishing results and the ability to control various features independently.

A lot of these recent research papers have showed very limited number of real world application. But this one is a pretty nice. Privacy is a big challenge in today's ML world and being able to tweak small number of features while preserving the identity of the users is very useful and has pretty great potential.

Training a Glove to Play Piano (Joseph Bakarji)

Though this is a reflex project, it is an interesting one. Joseph clearly explained how he played many notes and recorded his hand movements with Glove's flex and touch sensors. Then he tried to replicate the notes without the piano.

This is the only application of AI where I found Robotics involved amongst the posters I went through. Due to my personal history with Robotics, I value how easily this was possible with ML/AI, while it would be extremely difficult to write a manual algorithm to do the same thing.

Predicting Poverty in Pakistan (Chris Fontas, Daniel Huang, Jacky Lin)

This project is very straightforward as it uses a simple machine learning model to classify input images. But the fact I liked about this project is that it chose a highly impactful area to apply it.

There were many such project dealing with disease prediction from patient images and are really impactful too. This topic was a bit new to me.