



Apr 10, 2024 |

Attendees: Yosen Lin, Hanzen Shou, Anurag Asthana, Rohan Sachdeva ,

Plans

- Word2vec to generate data (40k citations!)
- Using RL network
- RNN/Mamba RNN as policy network

Resources

- Videos
 -  Semantle How To Play and Top 5 Tips To Become An Expert
 -  I created an AI to solve Semantle
- Papers
 - <https://arxiv.org/pdf/1301.3781.pdf>
 - <https://www.jmlr.org/papers/volume3/bengio03a/bengio03a.pdf>
- Projects
 - RL
 - Pong from Pixels - <https://karpathy.github.io/2016/05/31/rl/>; Code in 130 Lines of Python: <https://gist.github.com/karpathy/a4166c7fe253700972fcbc77e4ea32c5>
- Action items
 - Hanzen
 - ☐ Read more papers
 - Rohan
 - ☐ Learn more about reinforcement learning
 - ☐ Work on generating data (target word, similarity scores)
 - Yosen
 - ☐ Figure out how PyTorch handles RL (utilize OpenAI gym)
 - ☐ Study different kinds of policy networks for search algorithm (matching state to action of picking next word)
 - Anurag
 - ☐ Read more papers