

CAN RL AGENTS LEARN TO COOPERATE? - USING ACTOR CRITIC TO BEAT 2V2 SOCCER

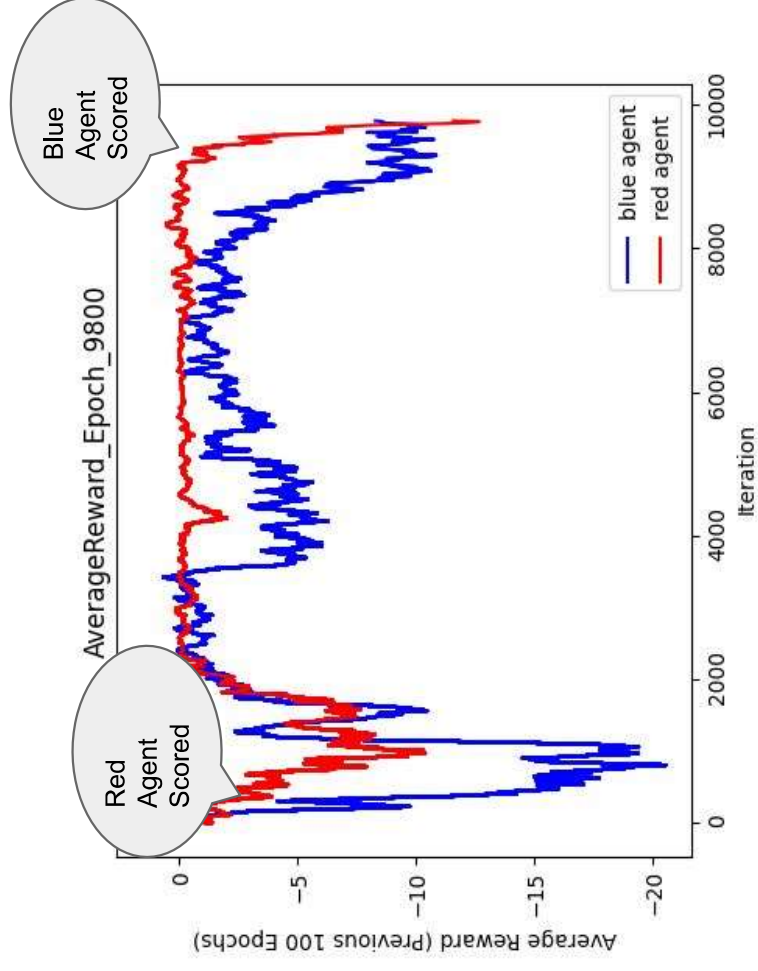
Joshua Peterson

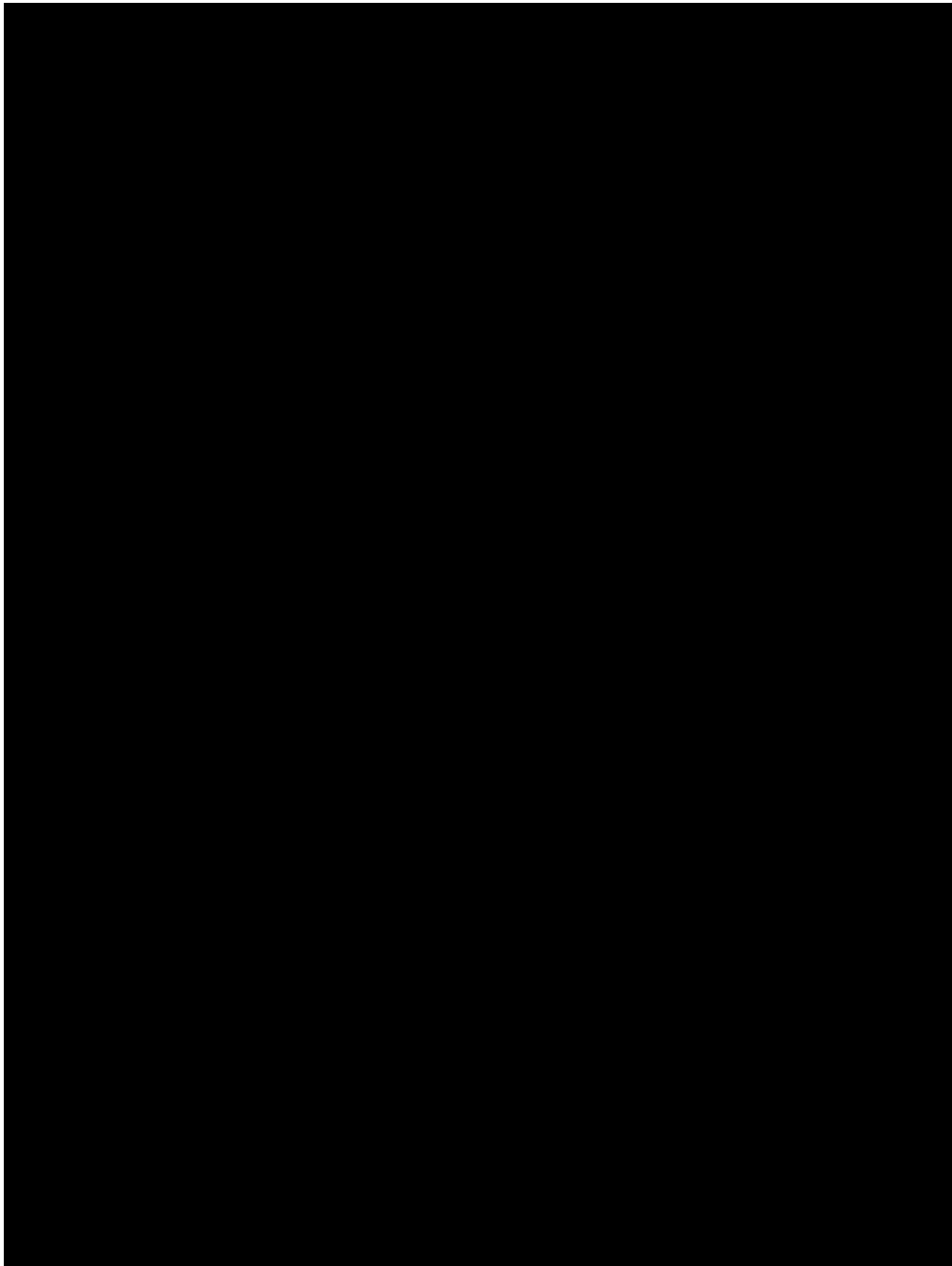
INTRODUCTION



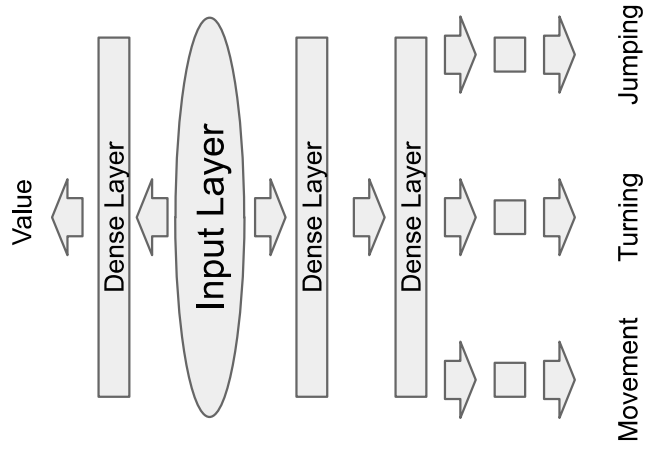
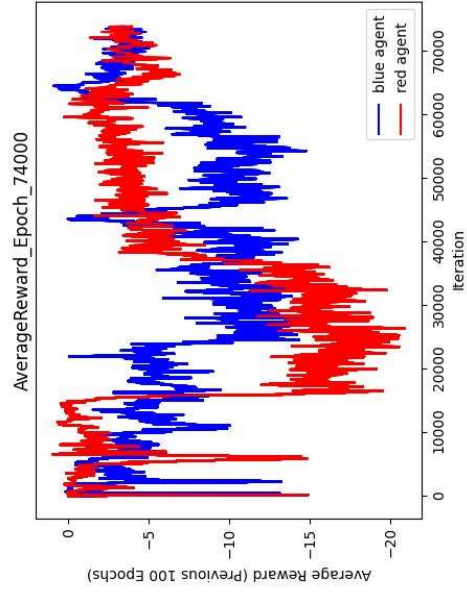
WHY THIS ENVIRONMENT WAS DIFFICULT

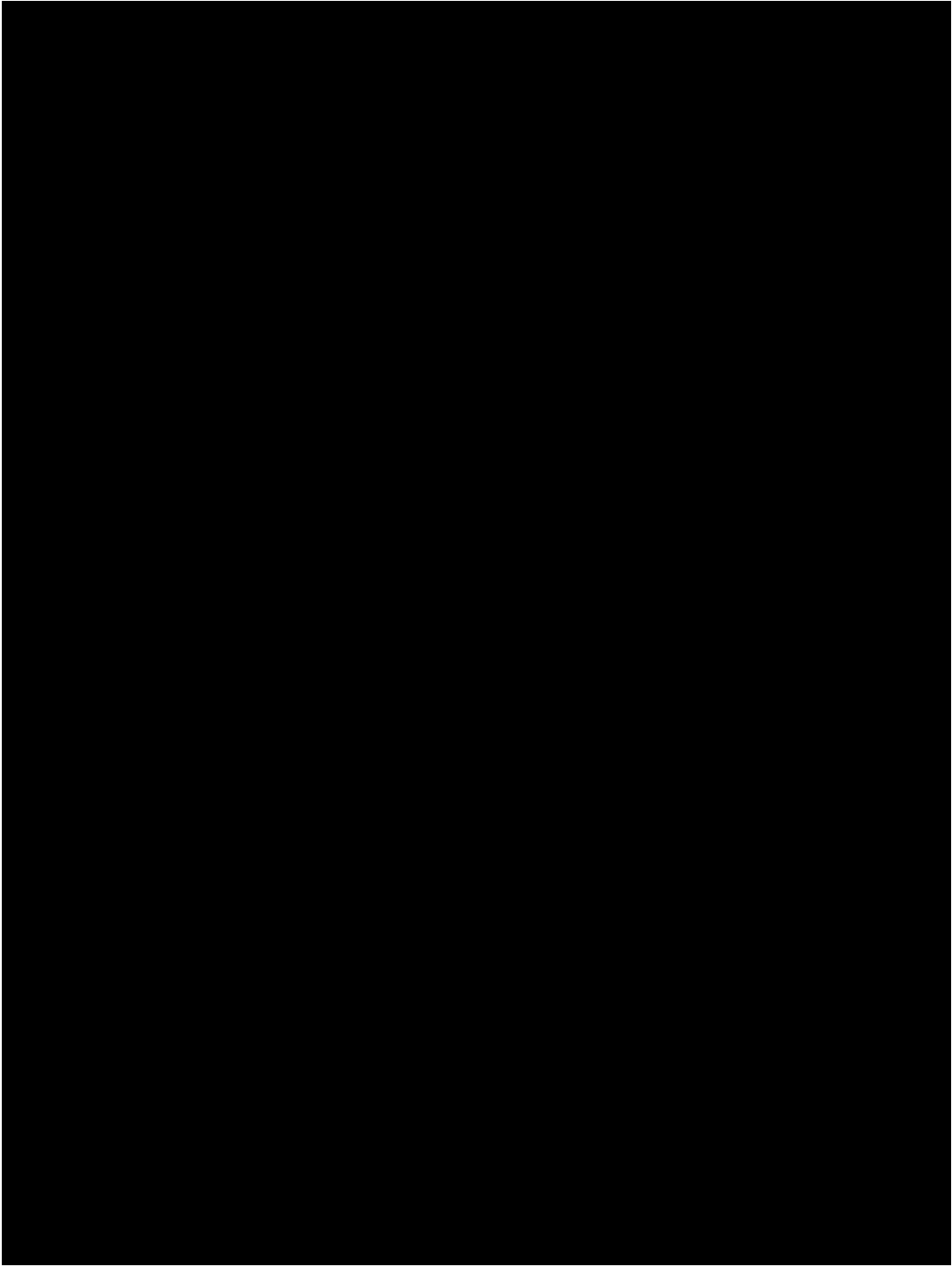
- Sparse Reward
- Multiple Agents
- Limited CPU Power
- Non-Discrete Action Space



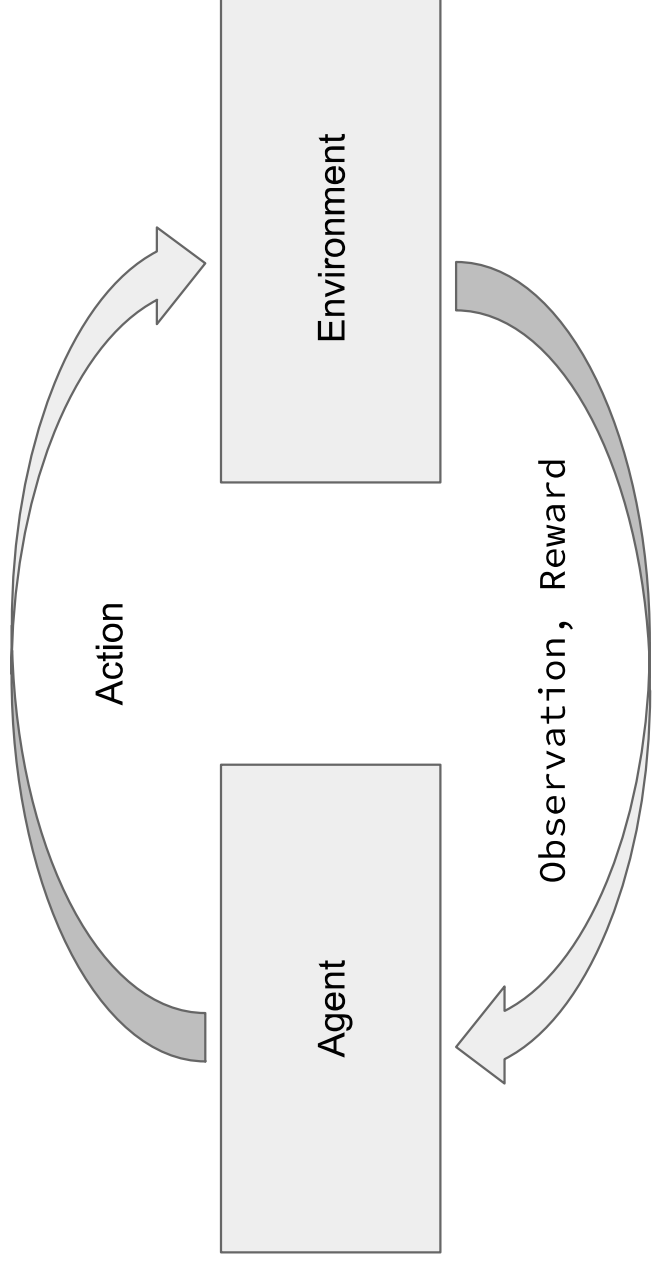


WHAT DID WORK (KIND OF)





WHAT I LEARNED



SUMMARY AND CONCLUSION