REINFORCEMENT LEARNING				
Int	3/3			
Markov Decision Proce		12/23		
Reinforcement Learning		0/16		
GAME THEORY				
Game Theory 24/24				
PR	OJECT			
	OJECT Dject Details	4/6		
		4/6		
	oject Details			
	oject Details Overview	ts		
	oject Details Overview Software Requirement	ts		

Submitting the Project

Submission

Description

In the not-so-distant future, taxicab companies across the U human drivers to operate their fleet of vehicles. Instead, the driving agents, known as *smartcabs*, to transport people from cities those companies operate. In major metropolitan area and San Francisco, an increasing number of people have cowhere they need to go as safely and reliably as possible. Alt transport of choice, concerns have arose that a self-driving a reliable as human drivers, particularly when considering city alleviate these concerns, your task as an employee for a nat reinforcement learning techniques to construct a demonstr time to prove that both safety and reliability can be achieved

Software Requirements

This project uses the following software and Python librarie:

- Python 2.7 (https://www.python.org/download/relea
- NumPy (http://www.numpy.org/)
- pandas (http://pandas.pydata.org/)
- matplotlib (http://matplotlib.org/)
- PyGame (http://pygame.org/)

If you do not have Python installed yet, it is highly recomme (http://continuum.io/downloads) distribution of Python, wl and more included. Make sure that you select the Python 2. installer. pygame can then be installed using one of the following one of the following the state of the st

Mac: conda install -c https://conda.anaconda.or Linux: conda install -c https://conda.anaconda.o Windows: conda install -c https://conda.anacond

Please note that installing pygame can be done using pip as

You can run an example to make sure pygame is working be by running:

python -m pygame.examples.aliens

Software Requirement

REINFORCEMENT LEARNING				
Introduction to Reinforc 3/3				
Markov Decision Proce		12/23		
Reinforcement Learning		0/16		
GAME THEORY				
Ga	me Theory	24/24		
PROJECT				
Project Details		4/6		
√	Overview			
✓	Software Requirements			
✓	Common Problems with PyG			
√	Starting the Project			
•	Definitions			
•	Submitting the Project			

Submission