
Computer Vision


Summer of Science - POA

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B.Tech Electrical Engineering

Mentor - Harsh Poonia



Week 1	• Brushing up Python and its libraries
Week 2	• Neural Networks, Vectorisation, Forward and Backward Propagation
Week 3	• Improving Deep Neural Network : Hyperparameter tuning, Regularisation and Optimization
Week 4	• Artificial Neural Network Practice
	• Mid-term Report
Week 5	• Basic Image Processing using OpenCV library of Python
Week 6	• CNN - Andrew NG Deep Learning specialisation Week 1 and Week 2
Week 7	• CNN - Andrew NG Deep Learning specialisation Week 3 and Week 4
Week 8	• Convolutional Neural Network Practice
	• Final Report and Presentation