CS 523 S2017
Multimedia Systems
Jan 17, 2017

Assignment 1 – Eulerian Video Magnification

Use the code (or online tool) for Eulerian Video Magnification technique, available at http://people.csail.mit.edu/mrub/vidmag/, to highlight a motion from a video or color that would otherwise be hard to detect. Present your video in class and explain why you chose to emphasize a particular feature.

Assignment 2 – Creative AI Report

Choose a project of your choice from the http://creativeai.net website (making sure that no one else has chosen that project). Be prepared to present the project in class (e.g., using slides or walking through the project using the web). What is creative, original, exciting about the project? What do you like about it? What drew you to it? What other creative works does it remind you of? Describe in detail how what it does and how it works. What generative, AI, or machine learning techniques does it build off of or make use of? What would you have to learn in order to create a similar project? How would you implement this project?

Both of these assignments may be completed individually or with a partner.