Final Project Presentations

Schedule and Instructions
Upcoming Dates

• Dec 5 or Dec 7
  – Upload your presentation slides to Blackboard prior to class on the day you will be giving your presentation
    • Powerpoint or pdf ok
    • I will put them on the podium computer so that all presentations are ready to go

• Dec 12
  – Upload final report to Blackboard by midnight
  – Detailed instructions on course website

• Dec 12
  – Upload “peer evaluation” along with final report
Presentation Instructions

• 9 minutes total per project
  – 7 minutes presentation, 2 minutes for questions
  – Each person should take part in the presentation

• Cover (within the time limit):
  – Your topic, aims of project, assumptions made
  – Previous work (very brief)
  – Technical approach
  – Experiments and results
  – Achievements, limitations, possible future work

• Class may go a little longer on those days
Schedule

• Monday Dec 5
  – Rupak Dasgupta, Arunabh Mishra - “Motion Detection using OpenCV”
  – Matthew Berntson – “Augmented Reality Chess Assistance”
  – David Schack, Emma Watson – “Image stitching for inspection”
  – Gunnar Hoglund – “ Pose Estimation of Traffic Signs”
  – Jacob Emmel, Colten Gruchow – “Augmented Checker Evaluation”
  – Pane, Vincent, Schemmel, Daniel – “Analysis and Detection of Traffic Using Computer Vision”
  – Curt Feinberg, Chenchen Nie – “Chess Augmented Reality”
  – Andrew Coles, Ryan Jackson – “3D Model Projection on Chessboard”

• Wednesday Dec 7
  – Andrew Petersen, Marcus Turner, Logan Schuelke – “Real Time Braille Translation”
  – Jason Actis, Aruna Chen – “Assessing the accuracy of single-camera ArUco kinematic tracking”
  – Appapogu, Rahul Dev, Bandarupalli, Saichand – “Rubik’s Cube”
  – Ian Cairns, Alan VanderMeer – “OpenCV/OpenGL Augmented Reality ArUco Tags”
  – Ryan Thorpe, Haoxuan Yang – “Piano recognition”
  – Ben Good, Josh Southworth – “American Sign Language Alphabet Detection and Translation”
  – Zach Smialek, John Spielvogel – “Augmented reality tower defense game”