

CS378: 3D Reconstruction with Computer Vision
Project 3: Tracking
Tuesday, November 4, 2014

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[20pts] Multiple Pedestrian Tracking

We implemented multiple-face tracking using kalman filters to track persisting pedestrians. The bounds are kept if they persist for at least 4 consecutive frames, and otherwise timeout after 20 frames of being lost. The faces are matched using min-distance within 100 pixels of error.



Video Frame of pedestrians in New York with blue face-tracking bounds