

# Software Engineering

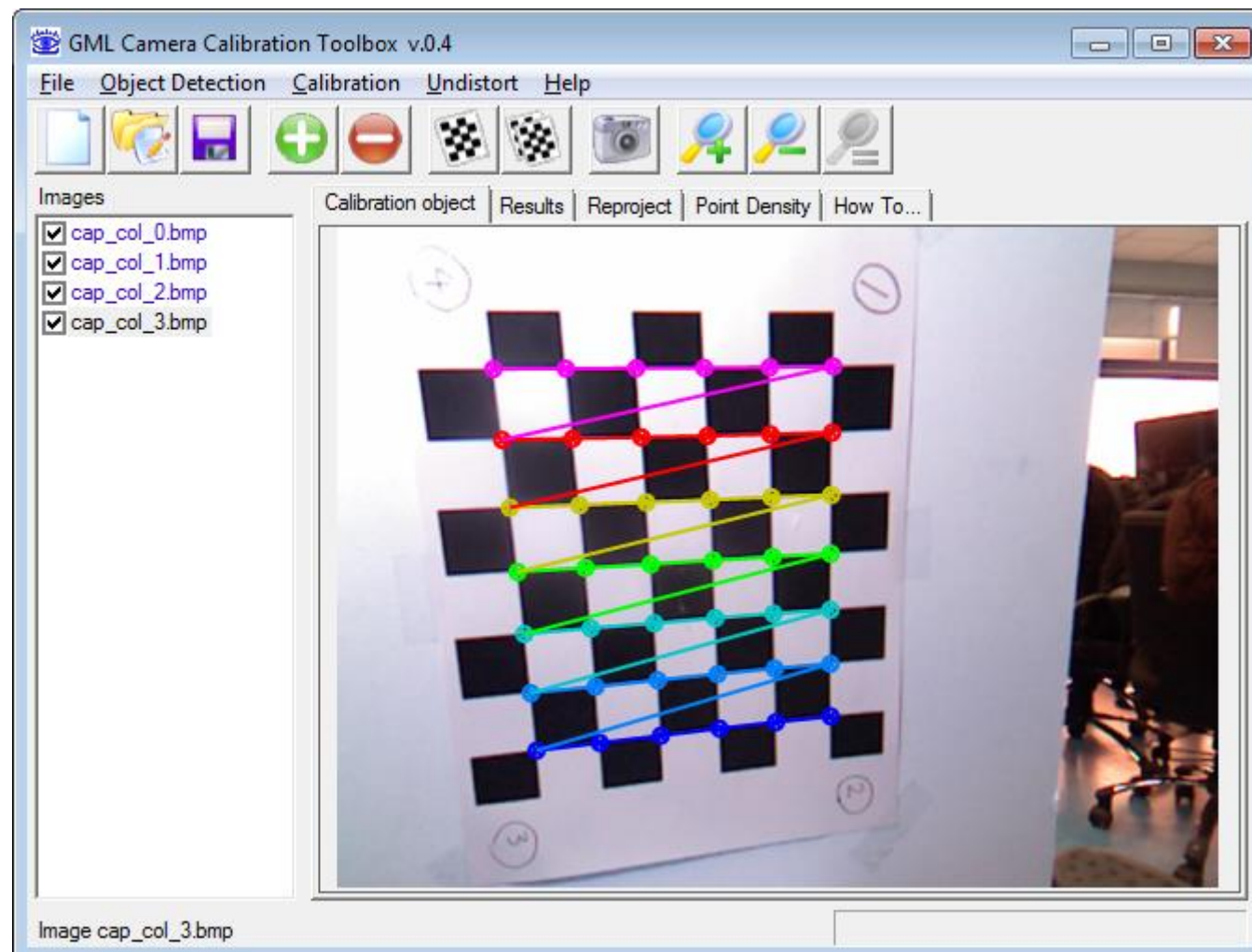
SE3D

Technical Implementation Walkthrough

# Kinect Calibration



# Kinect Calibration



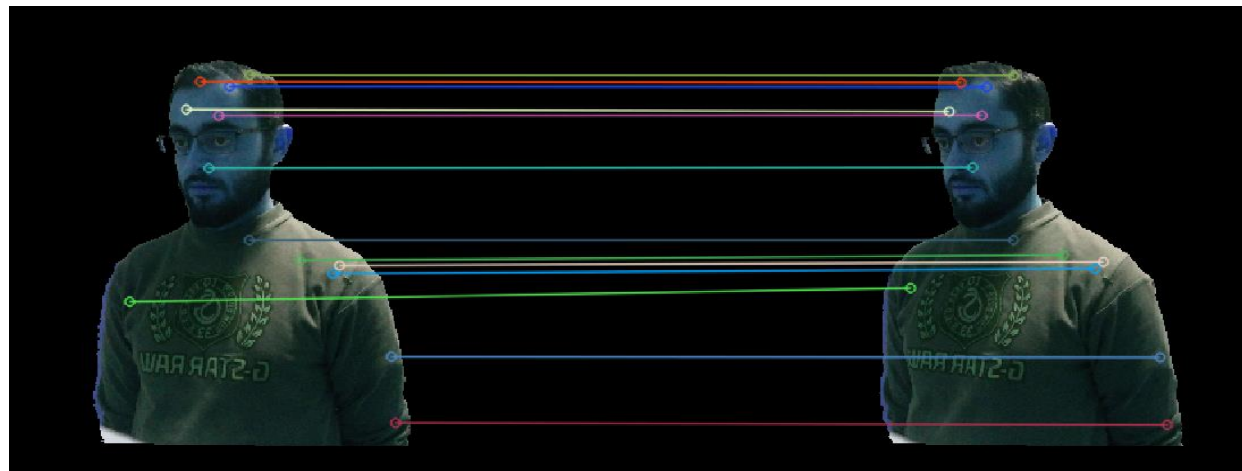
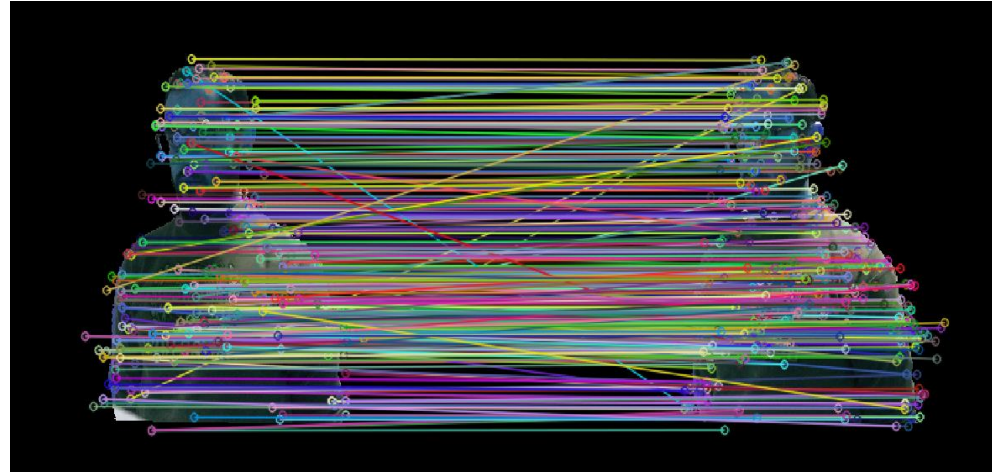
# Kinect Calibration



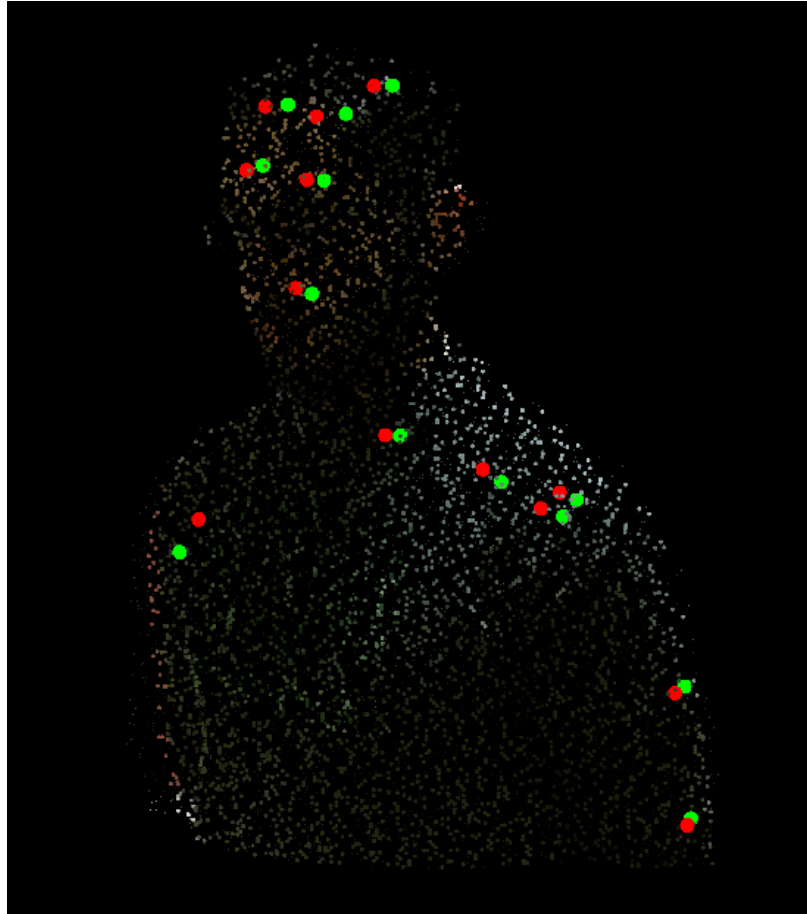
# Data Acquisition



# Features Detection and Matching

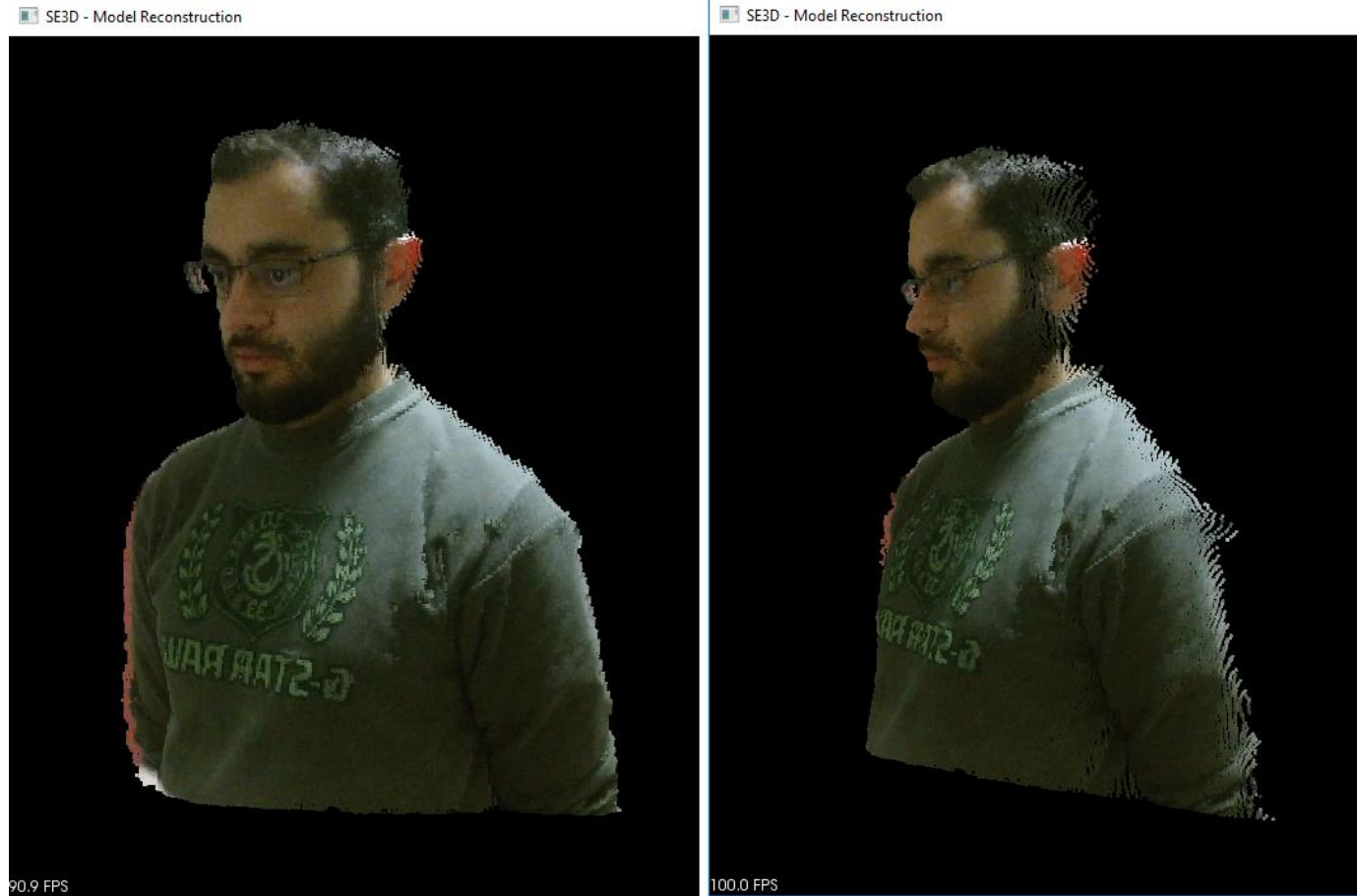


# Features Detection and Matching





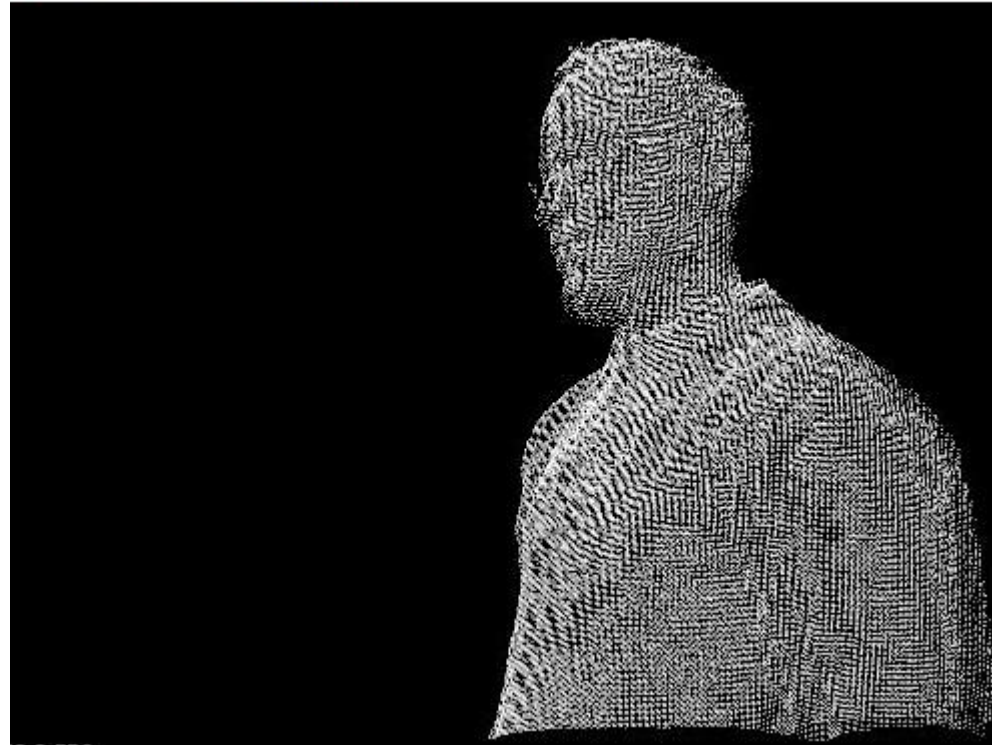
# Registration





# Model Reconstruction

SE3D - Model Reconstruction



0.0 FPS

SE3D - Model Reconstruction



37.0 FPS

# SE3D advantages

- A software for 3D scanning that does the job
- Complete installation and setup guide
- OpenCV
- PCL
- CMake + Qt + MSVC
- OOP