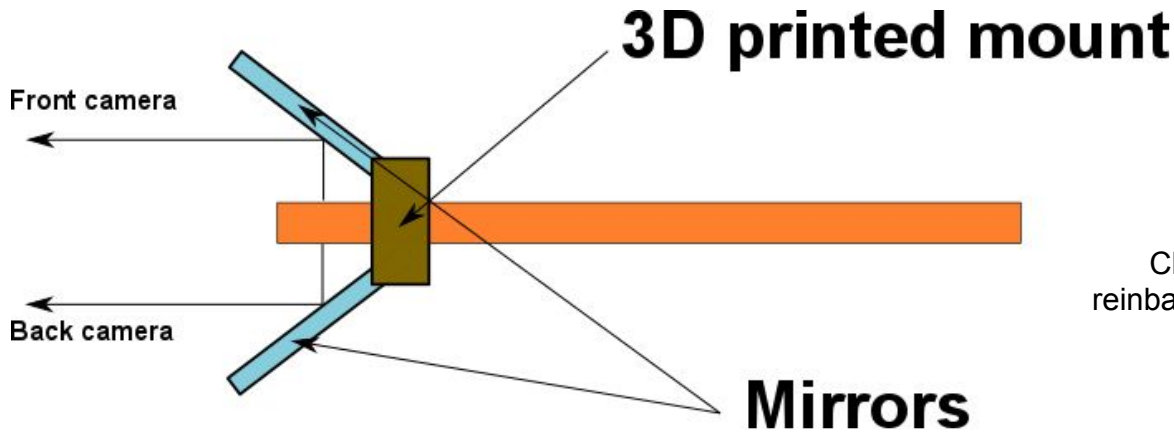




# Real-Time Stereo on a Smartphone



Contact:  
Christian Reinbacher  
reinbacher@icg.tugraz.at

Most modern phones allow to activate both cameras at the same time. The goals of this project are:

- Designing and 3D printing a mount to fixate mirrors to the smartphone.
- Writing an app for camera calibration and stereo reconstruction.
- (Optional) using the mobile GPU to implement dense reconstruction.

Scalable from bachelor's thesis (2 ppl) to master's thesis.