

# Safoura Rezapour Lakani



I am a PhD student in the intelligent and interactive systems group from September 2013. Before I obtained my MSc in Software systems engineering from the RWTH Aachen university with thesis title *Attribute based object recognition and life long learning*. I received my Bachelor degree in software systems engineering from Iran with thesis title *People Authentication with Iris Recognition*. I am from Rasht, Iran.

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## Part Segmentation

In this work, we proposed a novel method for segmenting 3D object pointclouds into parts. The segmentation is guided based on graspability and is formulated based on a compositional model. The software is available [Code](#). The code is written mainly in C++ and partially in python and is tested on a linux 12.04 LTS machine. It requires c++ and python3, PCL 1.7, armadillo and tinycl. Please do not hesitate to contact me for questions or comments for the software.

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