

BREAKOUT SLIDE

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Technical Background

□Computer Vision

Develop Technology for automatic robot navigation, an essential functionality needed by self-driving cars (or any autonomous robot/vehicle).

□ Machine Learning

Big data processing and analysis in Health Care and Biometrics, for example, develop techniques for unconstrained large scale face recognition.

□Pattern Recognition

Develop technology for detection and recognition of patterns for automatic product inspection, e.g. detect defect in LCD TV panel.

□Image & Video Processing

Develop technology for enabling ultra-high definition imagery, e.g. image de-noising, image super-resolution.

Technical Work Example



Localize robot position and construct a 3D map of the environment with a RGB-D camera (e.g. Kinect).

3





Thank you!

Q&A