Dave Ferguson

Google

Humble, dirty beginnings
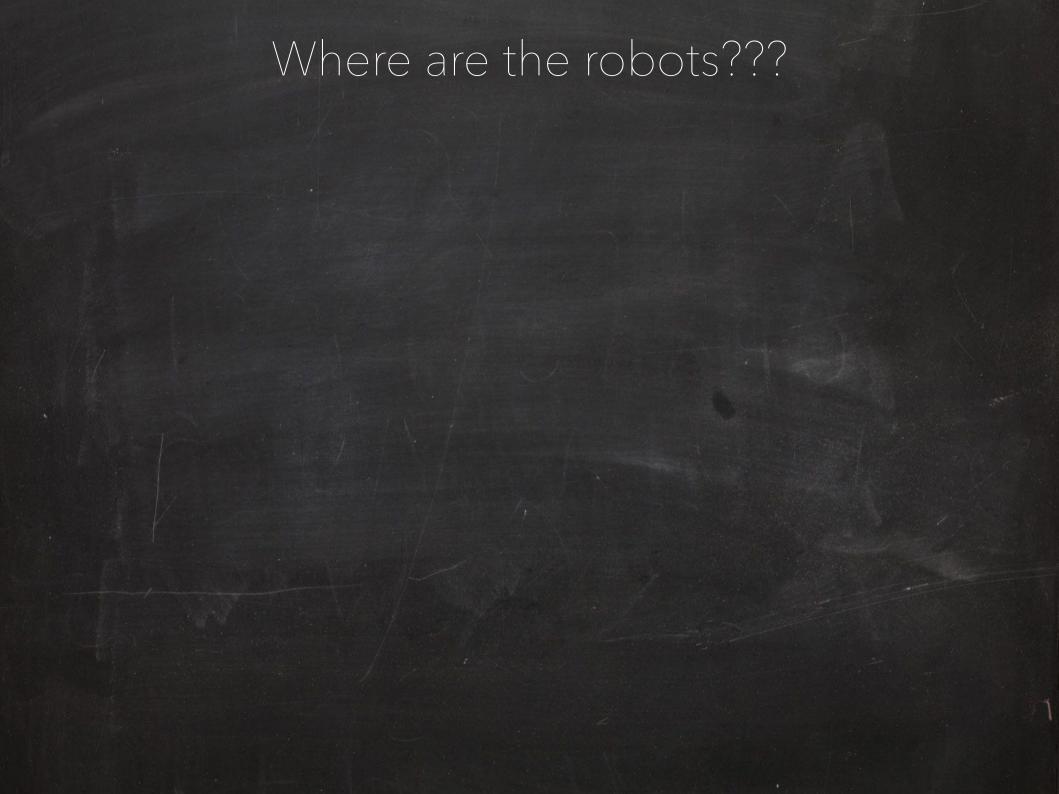
Urban Challenge

Personal Robotics

The Google self-driving car

Where are the robots???

Where are the robots???

Perception is hard

Information is imperfect

Uncertainty is fundamental

Challenges

Difficult object scenarios

Difficult road scenarios

Difficult sensing scenarios