



UNIVRSES

Computer Vision and
Machine Learning Technologies



/Autonomous
/Sensing
/Communication
/Battery
/Navigation
/Autopilot
/Ecology

100m

48
mph

3D wireframe car model with sensor waves and data points.

Contact:
ricky.helgesson@univrse.com

Presenter



- **Ricky**

Founder

CEO

Engineer at Heart

Company Brief



- **Experts**

3D Computer Vision

3D Artificial Intelligence

Company Brief



- **Product**

3DAI® Engine

SLAM, VO, VIO, 3D Reconstruction, Semantic Understanding, Object Detection, Object Tracking, Sensor Fusion...

Company Brief



- **Professional Services**

Customization of 3DAI® Engine

Algorithm Development

Low-Level Implementation

3D Computer Vision

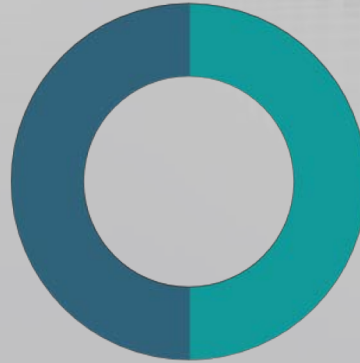
3D Deep Learning

Company Brief



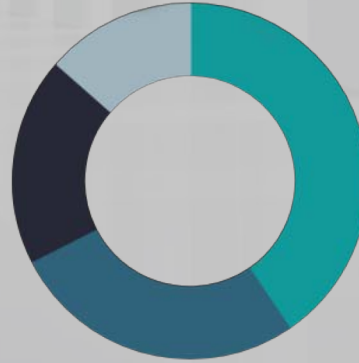
- **Staff** 30 Total
 - 12 PhD
 - 14 MSc

Academic Background



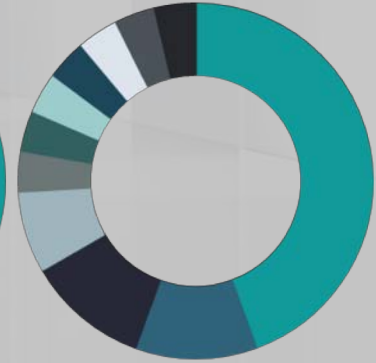
■ PhD ■ MSc

Team Specializations



■ Computer Vision ■ Machine Learning
■ SW Optimization ■ Robotics

International Team



■ Sweden ■ France ■ Italy ■ Spain
■ Israel ■ China ■ Russia ■ Brasil
■ Latvia ■ Poland ■ Pakistan

Company Brief



- **Industries**

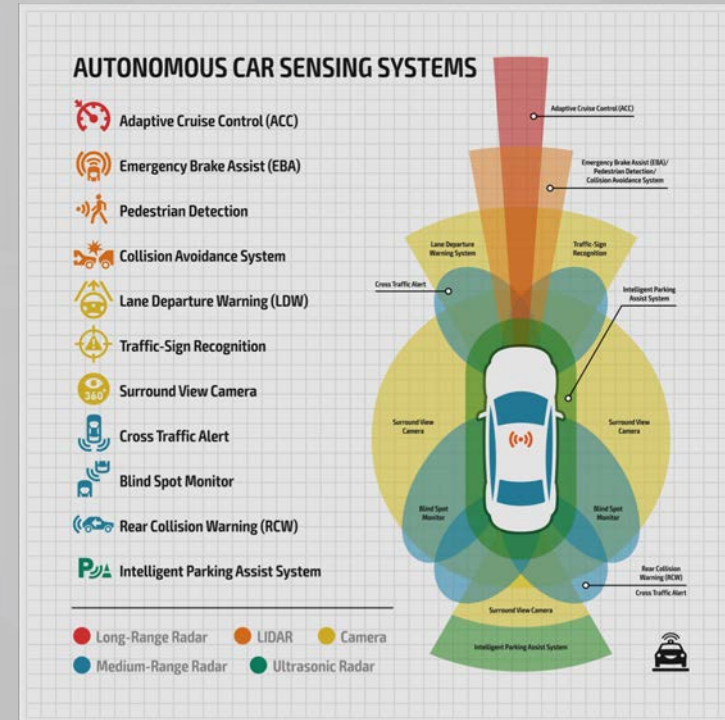
Autonomous Driving

Mobile Robotics

Smart Cities

Autonomous Driving Experience

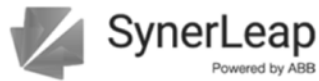
- **Mapping**
 - Point Cloud/LIDAR
 - Landmarks, Road, etc.
- **Localization**
 - Visual Odometry (Monocular and Surround)
 - SLAM
- **Undisclosed Relevant Topics**



Clients & Partners



almi invest





UNIVRSES

“Building the Autonomous Future”

ricky.helgesson@univrSES.com

+46 760 18 21 70