Mark Philip Philipsen

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Goal

Autonomous self-replicating robots exploring the solar system. But first I want to work on increasing the level of automation in the food industry.

Skills

Expertise: Computer Vision, 3D Vision, Project proposals, Data collection, Evaluation
Soft Skills: Team work, Project planning, Supervision
Preferred Tools: Python, C++, PyTorch, OpenCV, PCL, ROS, Docker, Unity, git

Work Experience

2020 – now
CEO and only employee, Principal Perception ApS
Part-time ML consulting and development services

2020 – now
Postdoctoral Researcher, Aalborg University (AAU)
Research in Computer Vision and Machine Learning

2015 – 2016
Research Assistant, AAU
Applied Computer Vision and Machine Learning

2012 – 2015
Student Software Developer, Intel Mobile Communications
Software test and propagation

Education

2017 – 2019
Industrial Ph.D in Applications of Vision and Robotics in Meat Production, Aalborg University (AAU) & Danish Teknological Institute
Bringing state-of-the-art machine learning to bear on automation problems in a slaughterhouse setting.

2013 – 2015
M.Sc. in Vision, Graphics & Interactive Systems (VGIS), AAU
Semester projects and courses covering; computer vision, computer graphics and interactive systems.

2010 – 2013
B.Sc. in Internet Technologies & Computer Engineering (ITC), AAU
Semester projects and courses covering; distributed systems and understanding network technologies and computer architectures.