

Mark Philip Philipsen

Curriculum Vitae

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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

<u>Expertise:</u>	Computer Vision, 3D Vision, Project proposals, Evaluation
<u>Soft Skills:</u>	Team work, Project planning
<u>Preferred Languages:</u>	Python, C++, C
<u>Software:</u>	PyTorch, Tensorflow, OpenCV, PCL, ROS, git, Unity

Work Experience

2020 – now	Postdoctoral Researcher, AAU Researching Computer Vision and Machine Learning.
2015 – 2016	Research Assistant, AAU Applying Computer Vision and Machine Learning.
2012 – 2015	Student Software Developer, Intel Mobile Communications

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.