

# **Henrik Christensen**

**Director, Contex Robotics Insitute at UC San Diego**

La Jolla, CA, US

Henrik Christensen is a national policy leader for the field of robotics and has testified before Congress on the subject.

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## **Biography**

Christensen is a well known expert on robotics and AI, working on problem in autonomy vehicles and systems engineering. He is also a national policy leader for the field of robotics and AI, and has testified before Congress on the subject. He is the head of a nationwide effort to draft a robotics roadmap and explore the field's potential to transform U.S. society. He currently serves as the director of the Contextual Robotics Institute here at UC San Diego. His research covers computer vision, artificial intelligence and robotics, and his primary emphasis has been on a systems-oriented approach to machine perception, robotics and design of intelligent machines. He and his team seek solutions that are theoretically sound, with well-defined implementations that can be evaluated in realistic situations. He has worked with a number of industry partners, including Boeing, KUKA, iRobot, BMW and Apple. Before joining UC San Diego, he was the founding director of Institute for Robotics and Intelligent machines (IRIM) at Georgia Institute of Technology (2006-2016). He has published more than 350 contributions across AI, robotics and vision. Christensen received the Engelberger Award 2011, the highest honor awarded by the robotics industry. He was also awarded the "Boeing Supplier of the Year 2011" with 3 other colleagues at Georgia Tech. Christensen is a fellow of American Association for Advancement of Science (AAAS) and Institute of Electrical and Electronic Engineers (IEEE). He received an honorary doctorate in engineering from Aalborg University 2014.

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## **Areas of Expertise**

Artificial Intelligence, Human Robot Interaction, Cognitive Robotics, Robotics, Autonomous Vehicles, Sensor Based Manipulation, Computer Vision

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## **Affiliations**

Carnegie Mellon University : Advisory Board, Co-Editor in Chief Trends and Foundations in Robotics, Now Publishers, Hoaloha Robotics : Advisory Board, Covariant.ai : Advisor, READY Robotics : Advisor, ROBO Global : Strategic Advisor, Co-Founder, AI Lead, UC San Diego, Contextual Robotics Institute : Director

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## **Education**

**Aalborg University**  
Ph.D.

**Aalborg University**

**M.Sc.**

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## **Accomplishments**

### **Fellow**

2014 Institute of Electrical and Electronics Engineers (IEEE) Awarded for contributions to estimation methods for robot localization and mapping

### **Honorary Doctorate in Engineering**

2014 Aalborg University, Denmark Awarded an honorary doctorate in Engineering Sciences from Faculty of Science and Technology at Aalborg University for contributions to robotics.

### **Fellow**

2013 American Association for the Advancement of Science (AAAS)

### **Joseph Engelberger Award**

2011 Robot Industry Association (RIA)

### **Boeing Supplier of the Year**

2011

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