

PERSONAL INFORMATION

Ryan Ruvald

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Sex Male | Date of birth 10/09/1986 | Nationality American

POSITION APPLIED FOR

Workshop Facilitator

WORK EXPERIENCE

Dec 2017 – Current

**PhD Student**

Department of Mechanical Engineering at BTH

- Developing innovative solutions for project partner companies
- Managing teams of students in thesis and project work

[Product Development towards PSS innovation](#)

July 2016 – Dec 2017

**Research Assistant**

Product Development Research Lab at BTH

- Developing innovative solutions for project partner companies
- Managing teams of students in thesis and project work

[Academic Innovation Research](#)

Jan 2014 – Aug 2015

**Marine Engineer**

Noble Drilling

- Operation and Maintenance of Ship's power plant and Auxiliary systems
- Physical construction of new systems and system components

[Maritime Engineering](#)

Sep 2011 – Aug 2013

**Project Engineer/Program Manager**

First Solar

- Commissioning of Utility Scale Solar Power Plants
- Creation of international warranty process and accounting tools
- Development of grid simulator for early commissioning

[Management and Engineering](#)

EDUCATION AND TRAINING

- Aug 2007 – June 2011 **Masters of Science in Mechanical Engineering**
Blekinge Tekniska Högskola (Karlskrona, Blekinge, SE)
- Sustainable Product Service System Innovation
- Aug 2007 – June 2011 **Bachelors of Science in Mechanical Engineering**
California Maritime Academy (Vallejo, California, USA)
- Emphasis in energy system design
 - Practical training in simulators, ships and team management

PERSONAL SKILLS

Mother tongue(s) English

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Swedish	A1	A1	A1	A1	A1
	Swedish				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication/Managerial skills

- Cross and inter disciplinary team communication from experience as project and program leader

Job-related skills

- Cross Functional Design Project Management
- Facilitation and Development of Participatory Design Workshops
- Design Practitioner (emphasizing in prototype development and validation)
- Experience in IoT systems and Human Machine Interface design

ADDITIONAL INFORMATION

- Projects**
- ME310 Stanford and Volvo CE design collaboration. Project team member implementing design thinking workshops and prototype development (2015 - 2016)
 - Autonomous Construction Vehicle Demo Volvo CE. Project leader responsible for design, development, procurement, construction and coding. (2016 - Current)
 - ME310 Stanford and Volvo CE design collaboration. Team coaching assistant responsible for providing support and implementing challenges. (2016 - 2018)
- Workshops**
- Needfinding Workshop Facilitation. Investigating trust between humans and autonomous machines. (2016)
 - Innovation and Foresight. Co-Facilitator enabling teams application of methods and tools. (2017)
 - 3D designing and Printing. Providing challenge prompt and facilitating usage of tech and methodology. (2017)
 - Creating the Attentive Company. Co-Facilitator teaching Executive MBA course in needfinding and innovation behaviours. (2018)