

# SEBASTIAN KRUMHAUSEN

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## Resumé *profile and competences*

I am currently living in Copenhagen, Denmark where I study the engineering specialization: Design & Innovation at the Danish University of Technology. I'm further specialized in product service systems and mobile technology. Ever since I can remember I have always wanted to build and create things, everything from tree houses to computers. I have always been interested in computers and tech (that's why I study engineering), but also industrial design and architecture.

I have skills in mechanical design, IT and product development. I am interested in new technologies and how these can be used to develop new innovative solutions. I can visualize my ideas through hand sketching / marker renderings and 3d computer modeling and animation.

I've done military service, travelled through the US and Asia and lately worked as the administrative leader of a student organization. I am used to teamwork, where we have limited time to finalize a concept. I'm accustomed to responsibility and have experience in project management.

I seek a job where I can influence the development and contribute in making a difference.

## EXPERIENCE *client work*

### **Charging system for electric vehicles, ChoosEV & DTU, 2010**

Bachelor projects about design of corporate electric car management product service system. Developed in cooperation with the supplier of electric vehicles ChoosEV. To produce a user-centered design process my team used three years of accumulated knowledge and methods to conduct a thorough analysis and mapping of user needs and problems. In particular contributed with my ability to organize, analyze analytically, think creatively and thus formed an overview of the task and ultimately developed a holistic solution.

Several of my projects can be found at [www.krumhausen.dk](http://www.krumhausen.dk).  
Recommendations and references can be acquired if desired.

## EXPERIENCE *work and student jobs*

### **Administrative director, Green Vision 2010-to day**

Administrative leader of the student organization Green Vision with responsibility for corporate strategy, fundraising, budgeting, project development, business contact and recruitment of students and personnel.

Green Vision develops innovative online educational materials about green technologies, to the Danish upper secondary schools, in projects supported by the Danish industry as well as funds. I tried how it feels to sit with the overall responsibility and influence the future of an organization.

### **Product design intern, Whomadeid 2010-2011**

During the internship I used my acquired skills in engineering design especially my competences in industrial design. I improved my ability to visualize my ideas through hand sketching and 3d modeling. It was an

opportunity to obtain practical experience about product design in all parts of the design process.

**Assistant teacher in vibrations and dynamics, DTU 2009**

Communication of basic dynamic phenomena in mechanical systems. I instructed the students in a structured and orderly way and changed my way of explaining the material, so the students could see the problem from different angles. The course ended with a positive feedback from the students.

**IT-Supporter, Industriens Pension 2008-2010**

I solved problems encountered on the employee's PCs and serviced the company's server in-house. Regular explanation of technical terms to non-IT staff without being derogatory. I also questioned the existing work pattern and use of software in order to locate the true problem.

**Student helper, IT-Jobbank 2007-2008**

Investigative customer service where I contacted customers to map and address potential widespread problems. I managed my own tasks and planned autonomously using my experience and thoroughness of how the different tasks should be followed up to ensure a high quality.

**Phone support, Telia 2007**

Support of newer mobile phones, including sale and general customer support. My task included canvassing of Telia's first VoIP product to selected customers. I worked quickly with high quality. I learned how to handle surly and uninterested customers and turn this to own advantage.

**Hotel porter, Imperial Hotel 2006-2007**

I solved everyday IT problems for both the management and guests and was also tested in stressed situations such as preventing fire. I dealt with customers from home and abroad and achieved the knowledge of how to communicate a message simple and accurate, and the importance of a presentable appearance including a polite and forthcoming manner towards strangers.

**Military service, Antvorskov kaserne 2006**

Trained as combat troop and graduated with Her Majesties honer. I participated in a parachute training course, 15-hours firefighting course and received a silver medal in the 30-hours first aid course. I tested and transcends own personal boundaries by physical endurance, discipline and military trial. But I also felt the sense of community within a platoon and of overcoming a at first sight impossible goal.

## **EDUCATION** *Stud. MSc. Eng.*

**BSc. Engineering, Design og Innovation, DTU 2007-2010**

Design engineers have a holistic approach to the engineering work, which focuses on method, technique and context. The education include a combination of technical science and social science disciplines and skills. I have chosen to focus on interaction and system design. Through my study, I have learned to lead a group by listening to the participants, establish an overview, structure the work and finally prepare clear tasks.

**BEST course: TRIZ - Innovation theory, Politecnico Milano 2008**

Intensive 10-day course with engineering students from across the EU. Lectures by Italy's first man of TRIZ-Innovation theory, company visits and tours during Milan Design Week 08

**Philosophy degree, Testrup Højskole 2005**

4 month stay with an immersion in philosophy, rhetoric, bodily theater, photography and film. Løgstrup taught me, that one always holds a portion of the other ones life in his hand. Nietzsche, that the brave is he who sees the abyss, but with pride.

**Gymnasium, Gammel Hellerup Gymnasium 2002-2005**

Mathematics and physics on advances level, with teaching tailored for computer learning. I learned how to work in groups and to reach a better result when collaborating.

## **ABROAD** *study and travels*

**Travel through Thailand & Cambodia 2009**

1 month of immersion in good books on the whitest beaches and diving in the Southern Thailand. Hiking, rafting and elephant riding in Northern Thailand and temple sightseeing in Cambodia.

**Exploration in car through USA 2007**

3 months traveling in own Chrysler sedan '95 from Los Angeles, California to Arizona, Utah and Nevada. I tried living the American dream and lifestyle. Everything from the DMV and 6-lane highways and punctures in the middle of the desert to local wine farmer and impressive national parks.

## **COMPETENCES & SKILLS** *engineering, IT, languages*

**Design & Engineering:** Mechanical engineering, Industrial design, Mechatronics – Robotics, Project management, User oriented design, Creative problem solving, Product analysis, Socio-technical understanding: E.g. SCOT- and ANT-analyses, Workspace design, Work processes models, Product life cycles and environmental issues, Analogue electronics, Thermodynamics.

**IT related competences:** Java, Web design: HTML & XHTML, PHP, CSS, Computer assisted design: CAD: Pro Engineering &, Google Sketch up (with NextRender & V-render), Digital design: Photoshop, Illustrator and Indesign, Installation and configuration of server and client systems on Windows and Macintosh platform, Network configuration: LAN/Wireless, TCP/IP, Firewalls, security etc, MS Office super user.

**Language skills:** Danish native language, Fluent in English, speech and writing, good knowledge of German.

## **INTERESTS** *personal*

I watch a lot of sci-fi, but also the more critically acclaimed films. I read, mostly the more philosophical, such as Milan Kundera, but also about design and architecture. I also read comic books and follow numerous blogs about design and technology on a daily basis. In my spare time I run and bicycle, and try not sit down all day.