

## Johan Grennberg

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### Skills

#### HCI field:

Knowledge in cognitive psychology, behavioral science method and the relationship between human thought and interactive computer systems. Studying HCI has trained me to work, nationally and internationally, in the roles of multimodal interaction technicians, interaction designers and visualization technicians. The Education has provided me with a solid theoretical foundation in human perception, communication and human computer interaction in order to promote efficient, useful and intuitive interfaces.

#### Graphic arts field:

Knowledge of the production process as well as different techniques of implementation, both digital and analog, during the printing process. Skills in XML for publishing, digital images for publication and understanding for color handling and icc-profiles.

#### Language abilities:

Fluent in speaking and writing English and Swedish. Basic understanding in German.

#### Computer knowledge:

Advanced computer knowledge and skills in PHP, JavaScript, Java, Python, Adobe CS, MySQL, CSS, XHTML and XML.

#### Marketing:

Understanding for Industrial marketing from advanced courses in this field.

### Work and Experience

#### Boat spare parts and maintenance.

**02-2007 - ongoing**

Currently working in retail, where I serve customers, produce images for catalog and home page and also translate manuals from English to Swedish. This has allowed me to practice my knowledge from the graphic production field.

#### WoMP (World Map Pinnacle).

**01-2010 – 06-2010**

A project in combining media technology skills and exploring future user patterns. Given the task to explore how people will navigate and filter music in 20 years from now, me and a group developed a concept for an application where the user navigates by putting pinnacles (pins) on a world map and within an adjustable radius can enjoy music from other users in the area. This is a prediction of how navigation and filtering will look like to satisfy our needs in the future.

#### The Anthill (myrstacken).

**10-2009 – 01-2010**

Developed, during a course in XML a tool to help organize and keep track of projects. This is a site that lets the project leader survey the different participants and all the tasks included in the projects. Every user has access to their individual scheme and deadlines. There are also different clearance levels depending on rank in the project.

#### HCI prototyping.

**09-2009 – 12-2009**

During a course in HCI I, along with my group developed a complete new interface. It was a task given by Alleato, a Swedish company that delivers solutions for intelligent houses. They had the need for a new interface with high usability. A prototype was developed targeting the users that mainly are relatives to people with disabilities.

#### Baby Watch.

**01-2009 – 06-2009**

During training in Cooperative IT-design I, together with a group, developed a watch that helps parents monitoring their babies.

#### Military service as sonar operator on battleship.

**01-2003 – 01-2004**

I've earned experience in working under pressure and also opportunity to lead people and cooperate under extreme conditions.

### Education

#### Master of science in engineering; focus Media Technology.

**09-2006 - ongoing**

Studies are carried out at KTH (Royal Institute of Technology) in Stockholm, Sweden. During my studies I've specialized in in two Media Technology fields; HCI (Human Computer Interaction) and Graphic Arts. Example of courses in these fields are: Evaluation methods for Human Computer Interaction, Physical interaction design and realization, Cooperative IT-design, Project management: Leadership and control and Graphic arts production.

#### Business administration

**01-2005 – 07-2005**

Studies in the fields of business administrations such as: marketing, organization, financial calculations, accounting carried out at Stockholm University.

#### High School; focus Natural science and medical response.

**09-1999 – 06-2002**

3 years of high school studies in Stockholm, Sweden, with focus on natural science to prepare for university studies. In addition to that studies in medical response were also completed.

References available upon request. Also visit <http://www.grennberg.se>