

Tobias Uebbing

MSc Human Media Interaction

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Education

2013|09 - 2016|06

MSc Human Media Interaction - Cum Laude
at the University of Twente, Netherlands
Thesis: „User Experiences in Smart Environments
- Design and Prototyping“ Grade: 9/10

2010|09 - 2013|08

BSc Creative Technology
at the University of Twente, Netherlands
Specialization: Smart Technology
Thesis: „Story Table - a Multitouch Table
Application for Children“ Grade: 9/10

2012|08 - 2012|12

Study Abroad
at the KTH - Royal Institute of Technology,
Sweden in Computer Science / Media Technology

2009|09 - 2010|04

Individual Courses
B.Sc. Business and IT program
at the University of Twente, Netherlands

2006|09 - 2009|06

**„Allgemeine Hochschulreife mit
Wirtschaftsspezifikation“**
at Berufskolleg Borken, Germany
Equivalent to an A-level with an economical
specialization

Professional Experience

2015|09 - 2016|06

Master Thesis Intern at the Telekom Design
Gallery within the group Innovation+ / Design of
Deutsche Telekom AG in Bonn, Germany

2015|03 - 2015|07

Intern at the Telekom Design Gallery
within the group Innovation+ / Design of
Deutsche Telekom AG in Bonn, Germany
Task: „Exploration & Prototyping of
Innovative Interaction Technologies“

2011|09 - 2016|01

Teaching Assistant at the **University of Twente**
in following courses amongst others:
- Introduction to Computer Science
- Programming with Structures
- Algorithms for CreaTe
within the Creative Technology curriculum.
Responsibilities: Tutoring, grading &
coordination of other teaching assistants

Skills

Languages

German | Native
English | Professional working proficiency
Dutch | Limited working proficiency
Swedish | Elementary proficiency

Software Development

> Knowledge

Software architecture,
Requirements engineering,
Data structures,
Agile & lean development methods

> Programming Languages

C++, JavaScript, C, PHP, Python, Java

> Frameworks & Libraries

NodeJS, Openframeworks, OpenCV

> Tools & IDEs

Terminal, Git, Xcode

> Operating Systems

macOS, Linux

Human Computer Interaction

Speech & language processing,
Computer vision & image processing,
User experience design & research,
Interaction design, user-centered design,
User scenarios, storyboarding,

Artificial Intelligence

Basic knowledge in Artificial Intelligence and
Machine Learning

Physical Computing

Raspberry Pi,
Arduino (compatible) microcontroller,
Knowledge about sensor technologies,
Rapid prototyping

Media Production

Adobe Photoshop, Illustrator, Premiere,
Basic knowledge of HTML & CSS,
LaTeX, iWork, MS Office suite,

Mathematical Tools

MATLAB, Basic knowledge in SPSS

Other

Management and marketing skills,
Driving license B

Interests

Professional

Intelligent Personal Assistants, Adaptive User
Interfaces, Smart Environments, Child Computer
Interaction, new interaction modalities

Ballroom Dancing

I have been an active member within the
dancing association TSC Borken Rot-Weiß in
Germany since 2006. I am also currently a
member of the main board and the executive
committee that is responsible for the youth
development within the association.

Other

Architecture, theme parks, traveling and cooking

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