



Martin Schüßler

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Career Objective

Ph. D. in human-computer interaction. Key skills include project management and research.

Experience

RESEARCH ASSISTANT – 04/2014 - PRESENT

Mobile and physical interaction Group, Quality and Usability Lab, Technische Universität Berlin, Telekom Innovation Laboratories, Berlin, Germany

Working on spatially aware tangible displays, haptic interfaces, public displays

Publications: [tba] [UBICOMP15]

Responsibilities include iOS development, human-computer interaction literature research, user study conduction, video editing

Referee: Prof. Dr. Jörg Müller

RESEARCH AND DEVELOPMENT ASSISTANT – 01/2013 - 03/2014

Cross-domain Middleware, Telekom Innovation Laboratories, Berlin, Germany

Working in projects ADIT (data intensive real time monitoring and outlier detection system) and MagiTact (around device interaction using magnets)

Patents: [Pat1]

Responsibilities include machine learning, Java, Matlab, Bash, MySQL, iOS development

Referees: Dr. Hamed Ketabdar, Dipl.-Ing. Mehran Roshandel

GRADUATE ASSISTANT – 06/2010 - 06/2012

Department of Simulation and Graphics, Faculty of Computer Science, Otto-von-Guericke University Magdeburg, Magdeburg, Germany

Working on Sugar (One Laptop per Child Human Interface)

Responsibilities include User acceptance testing for touch input, GNU/Linux system administration

IT CONSULTANT – 04/2009 - 06/2013

Self employed, Magdeburg, Germany

Service portfolio (7 projects): Setup and maintenance of systems for e-commerce (xt:commerce), content management (Joomla), data base management (Postgres)

Responsibilities include Project management, PHP, service innovation, customer consultation

GRADUATE ASSISTANT – 09/2008 - 04/2009

Icubic AG, Magdeburg, Germany

Responsibilities: Customer care for UK-based customers, PERL, Database Maintenance

Education

M.SC. COMPUTER SCIENCE – 04/2013 - EXPECTED 04/2016

Technische Universität Berlin, Berlin, Germany



Major in communication based systems
(Quality and Usability Lab)

Courses incl.: Usability engineering,
multimodal interaction, augmented reality,
speech and audio Technology

Minor in empirical social studies

Courses incl.: Survey Methodology,
ethnography, statistics (SPSS)

Grade: EXPECTED 1.2

Thesis publication: [UIST16*]



DESIGN THINKING BASIC TRACK – 04/2015 - 08/2015

School of Design Thinking, Hasso-Plattner-Institute, University of Potsdam, Potsdam,
Germany



STUDY ABROAD PROGRAM – 07/2010 - 12/2010

University of Sydney, Sydney, Australia



B.SC. BUSINESS INFORMATICS – 10/2008-04/2013

Otto-von-Guericke University Magdeburg, Magdeburg, German

Major in computer science

Courses incl.: Idea engineering, knowledge
management, hci seminar and project

Minor in economics

Thesis publication: [CHI14]

Referee: Prof. Dr. Raimund Dachsel

Additional Skills

- Research and analytical problem solving skills
- Design and conduction of user studies
- Excellent presentation, interpersonal and communication skills
- English (2 years overseas, CAE certificate)
- German (native speaker)
- Working unattended and self organized
- Good programming skills in Objective-C (iOS) and Java
- Motion Tracking i.e. Kinect & OptiTrack
- Video Editing (Adobe Premiere)

Publications

- [UBICOMP15] R. Walter, A. Bulling, D. Lindlbauer, **M. Schuessler**, J. Müller, 2015.
"Analyzing Visual Attention During Whole Body Interaction with Public Displays"
UBICOMP'15, Sosaka, Japan, to appear
- [CHI14] M. Spindler, **M. Schuessler**, M. Martsch, R. Dachsel, 2014.
"Pinch-drag-flick vs. spatial input: rethinking zoom & pan on mobile displays"
CHI EA '14, Toronto, Canada, 2014, pp. 1113-1122
- [Pat1] B. Löhlein, M. Roshandel, H. Ketabdar, **M. Schüßler**, S. Tajik, 2013
"Verfahren und System zum Bewerten von erhobenen Messwerten eines Systems"
Patent, EPA AZ: 13186464.7

Extracurricular Activities / Interests

Since 02/2009 – Life guard (gold badge), German Red Cross

Hobbies – Traveling, cultural exchange, VW T3 vintage camper van, cooking and jogging