Martin Schüßler

M.Sc. Computer Science specialised in HCI

- +49 (0) 1757632474
- mschuessler.de
- @ me@mschuessler.de
- Berlin, Germany

PROFESSIONAL EXPERIENCE

Java Programmer

Osyon GmbH

04/2017 - ongoing   Berlin, Germany

Java Software development for a Europewide operating laboratory group

Student Assistant Researcher

HPI - Stanford Design Thinking Research Program

10/2015 - 09/2016   HPI, Potsdam, Germany
https://hpi.de/en/dtrp/program/overview.html

I was part of the Visual Diagnostics Team which is working on developing and evaluating diagnostic instruments for design team interaction.

- Advised the team on evaluation methods and statistical analysis with R
- Facilitated data acquisition and data cleaning by developing and maintaining a data management system

Student Assistant Researcher

Mobile and Physical Interaction Group, Q&U Lab

04/2014 - 03/2016   TU Berlin, Berlin, Germany
http://qu.tu-berlin.de/menue/forschung/gruppen/mobile_physical_interaction/

Under the lead of Prof. Jörg Müller our group contributed to CHI, UIST, UBICOMP and CSCW.

- Implemented an advanced peephole display on several iOS devices
- Designed and conducted 4 small scale studies on peephole displays
- Conducted experiments and contributed to UbiComp '15 full paper
- Taught 20-40 undergrad students how to code in C
- Edited supplementary videos for three paper submissions

Research and Development Assistant

Telekom Innovation Laboratories

01/2013 - 03/2014   T-Labs, Berlin, Germany
http://www.laboratories.telekom.com/public/Deutsch/Innovation/Pages/Cross-Domain-Middleware.aspx

T-Labs innovates in close cooperation with science and industry. Supervised by Mehran Roshandel and Dr. Hamed Ketabdar I enhanced a real time monitoring and outlier detection system (called ADIT).

- Developed and evaluated a new spectral analysis algorithm in Matlab
- Implemented the algorithm in Java as a component for ADIT
- Conducted extensive testing and parameter optimisation

PUBLICATIONS

Analyzing Visual Attention During Whole Body Interaction with Public Displays

UbiComp '15

R. Walter, A. Bullling, D. Lindlbauer, M. Schuessler, J. Müller

09/2015
http://mschuessler.de/pub/Ubicomp15.pdf

Pinch-drag-flick vs. spatial input: rethinking zoom & pan on mobile displays

CHI '14

M. Spindler, M. Schuessler, M. Martsch, R. Dachselt

04/2014   http://mschuessler.de/pub/CHI14.pdf

Method and system for the evaluation of recorded measured values of a system

Patent EPA AZ: 13186464.7

B. Löhlein, M. Roshandel, H. Ketabdar, M. Schüßler, S. Tajik

04/2015   http://google.de/patents/EP2854045A1

Combining computational and human analysis to study coherence in design conversations

DTRS '16

A. Menning, B. Grasnick, B. Ewald, A. Scheer, F. Dobrigkeit, M. Schuessler, C. Nicolai

2016

PROFESSIONAL EXPERIENCE

Graduate Assistant

Department of Simulation and Graphics

📅 06/2010 - 06/2012   📍 Otto-von-Guericke University, Magdeburg, Germany

Working on "Sugar" (One Laptop per Child Human Interface)

IT-Consultant

Self employed

📅 04/2009 - 06/2013   📍 Magdeburg, Germany

Setup and maintenance of e-commerce, content management and database management systems (7 projects)

EDUCATION

M. Sc. Computer Science

TU Berlin

📅 04/2013 - 11/2016   📍 Berlin, Germany

- Grade: 1.3
- Mayor in HCI (communication based systems) - courses incl.: usability engineering, multimodal interaction, augmented reality
- Minor in empirical social science - courses incl.: survey methodology, ethnography, bi- and univariate statistics
- Thesis: Spatial Input for 2D Peephole Navigation on Mobile Devices

B. Sc. Business Informatics

Otto-von-Guericke University

📅 10/2008 - 04/2013   📍 Magdeburg, Germany

- Major in computer science and Minor in economics
- Bachelor thesis published as CHI 2014 paper

Study Abroad Program

University of Sydney

📅 07/2010 - 12/2010   📍 Sydney, Australia

SKILLS

Programming (Java /Obj-C)

Qualitative research

Empirical research (incl. R)

User studies

Literature research

Presentations

REFERENCES

Prof. Jörg Müller
joerg.mueller@acm.org

Dr. Hamed Ketabdar
hamed.ketabdar@clickandbuy.com

Dr. Claudia Nicolai
claudia.nicolai@hpi.uni-potsdam.de

CERTIFICATES

Certificate in Advanced English (C1)

Design Thinking Basic Track

STRENGTHS

Analytical & Inquisitive

Four years in research taught me to approach problems methodologically.

Teaching

Passionate about facilitating the exchange of knowledge, I acquired the ability to explain complex things in simple words.

Interpersonal Communication

I am an extrovert, who mediates between jargons in multi-disciplinary teams.

Self-organized

Working remotely and self-employed taught me to proactively organise my work needing little supervision.

PASSIONS

VW T3 Camper Van

DIY Projects