

Peter Udo Diehl

WORK EXPERIENCE

- 09/2016 – present **McKinsey & Company, Zurich, Switzerland**
Associate
- 10/2013 – 08/2016 **Swiss Federal Institute of Technology (ETH Zurich), Switzerland**
Research Assistant at the Institute of Neuroinformatics
- Topics: computer science, neuroscience, neurotechnology
 - Collaboration with **IBM Research (CA, USA)** on brain inspired computer hardware since July 2015, spending more than 2 months in USA
 - Leader of two highly interdisciplinary projects with IBM Research, The MITRE Corporation, University of California (UC) San Diego, and UC Irvine; media coverage included Wired and Engadget
 - Supervisor of student thesis
 - Senior teaching assistant, leading exercises for ~150 students
- 02/2016 – 04/2016 **McKinsey & Company, Zurich, Switzerland**
Summer Associate
- Development of growth strategy for leading insurance company
 - Re-design of leadership program as part of a culture transformation initiative for an international organization
- 04/2011 – 09/2011 **Technical University Berlin (TU Berlin), Germany**
Internship in the Neural Information Processing Group
- Development of computational models of mammalian visual processing
- 11/2007 – 07/2008 **Zehnthof Dortmund (a home for the elderly), Germany**
Civilian service, caring for the elderly

RECENT AWARDS / GRANTS

- **Scholarship** (~ 5500 EUR): Convergent Science Network Telluride Workshop 2015
- **Best participant**: best of ~80 selected participants at Telluride Neuromorphic Workshop 2015
- **Travel grant** (1000 CHF): Zurich Neuroscience Center (for Machine Learning Summer School 2015)
- **Scholarship** (~ 3000 EUR): Convergent Science Network CapoCaccia Workshop 2014
- **Best Student Paper** (nomination): of over 600 papers at a science conference (IJCNN 2014)
- **Erwin-Stephan Prize** (2500 Euro): for excellence in studies, received by 8 graduates of over 30'000 students
- **Best student**: class of 2013, TU Berlin
- **Humboldt-Prize** (nomination by HU Berlin dean's office): best thesis at HU Berlin 2013

EDUCATION

- 10/2013 – 08/2016 **Swiss Federal Institute of Technology (ETH Zurich), Switzerland**
PhD student at the Institute of Neuroinformatics
- 5 peer-reviewed publications (4 of them as first author), 4 more in preparation (3 of them as first author); for a list of publications visit www.peterudiehl.com
 - Expected graduation in less than 3 years
 - Institute student representative (~ 60 PhD students), responsible for external institute evaluation and part of professor hiring committee
- 10/2011 – 09/2013 **TU Berlin and Humboldt University Berlin (HU Berlin), Germany**
Master of Science (MSc) in Computational Neuroscience
- Grade Point Average: 1.0 on German scale (1.0 highest, 6.0 lowest)
 - Fastest to graduate in history of the study program (established in 2006)
 - Thesis, **University College London (UCL)**, 4 months: collaboration with a world leading clinician in London; about diagnosis of an auditory disease and mathematical modeling of its causes; resulted in 2 peer-reviewed publications
- 10/2008 - 03/2011 **Technical University Dortmund (TU Dortmund), Germany**
Bachelor of Science (BSc) in Computer Science
- Grade Point Average: 1.3 on German scale
 - Finished in 2.5 years
 - Focus: artificial intelligence; additional courses in statistics and psychology
 - Minor: economics
 - Won programming contest for artificial intelligence in games
- 09/2005 - 06/2007 **Zabel Gymnasium Gera, Germany**
High school diploma (Abitur) with focus on mathematics, chemistry, German, and “Economics and Law”

SKILLS AND INTERESTS

- **German** (native)
- **English** (C2 level)
- **Multiple programming languages** (expert); extensive programming experience in many languages and software environments (list on request)
- **Presentation Software** (expert); usually at least one presentation per month
- **Interests: lifeguarding** (~10 years lifeguard with the German Red Cross); **calisthenics** (body weight exercises); **bartending** (creating and serving cocktails); **traveling and cultural exchange** (last year over 3 months abroad in 7 countries including USA, UK, Turkey, South Korea, Japan)

→ References upon request