

WORK EXPERIENCE

- 12/2016 - *present* Research Associate, Hamburg Center for Health Economics
- Areas: Big data and digital health, population health, policy evaluation
 - Data analytics for political consulting project (using R and MS SQL Server)
 - Data management and pre-processing
 - Creating exploratory database
 - Descriptive and inferential statistical analyses
 - Designing and teaching university level courses (using R)
 - Co-organizing and moderating workshops
 - Writing and presenting reports to technical and non-technical audiences
- 01/2019 - 05/2019 Junior Specialist, Deep Data Lab, University of California, Irvine
- Conception and implementation of causal machine learning project (using R)
 - Pre-processing incl. feature engineering
 - Model design, proof of concept analyses, and benchmarking analyses
- 02/2015 - 09/2016 Research Assistant, Chair of Technology and Innovation Management, Helmut-Schmidt-University, Hamburg
- Text mining for analyzing user innovation
 - Literature reviews on open innovation and foresight
- 12/2013 - 11/2014 Working Student, Olympus Surgical Technologies Europe, Hamburg
- Area: Product management, high-frequency surgery
 - Sales reports and market research

EDUCATION

- 03/2017 - 05/2020 Ph.D. (*submitted*), Economics and Econometrics, University of Hamburg
- Research areas: Applied microeconometrics, machine learning, health economics
- 10/2014 - 11/2016 M.Sc. Industrial Engineering and Management, University of Hamburg / Helmut-Schmidt-University / HAW Hamburg (HWI)
- Area of studies: Biomedical engineering, health care management
 - Grade: 1,60 (ECTS grade: A)
- 02/2016 - 06/2016 Exchange student, University of New South Wales, Sydney
- Courses: Econometrics, statistics, epidemiology, strategic management
 - Weighted average mark: 87,50 (high distinction)
- 10/2011 - 09/2014 B.Sc. Industrial Engineering and Management, University of Hamburg / TUHH / HAW Hamburg (HWI)
- Area of studies: Production technologies, health care management
 - Grade: 1,90 (ECTS grade: A)
- 08/2001 - 06/2010 Abitur (equivalent to A-levels), Ernst-Barlach-Gymnasium, Kiel

HONORS & AWARDS

- 2015 - 2016 Schmalenbach-Scholarship
2016 DAAD PROMOS Scholarship

QUALIFICATIONS

Language skills:	German:	Native
	English:	Proficient, spoken and written (C2, IELTS 8.5/9.0)
	French:	Good knowledge (B1, DELF certificate)
Computer skills:	R, Stata:	Proficient (5+ years, e.g. grf, glmnet, dplyr)
	Python:	Good knowledge (2+ years, e.g. TensorFlow, Keras)
	MS SQL Server:	Advanced knowledge (3+ years)
	SAS/proqSQL:	Basic knowledge
	MS Office, \LaTeX :	Proficient
Further training:	Scrum, Kanban:	Two courses, 2019-2020 (4 days)

PUBLICATIONS

- Everding, J. & J. Marcus. 2020. "The effect of unemployment on the smoking behavior of couples." *Health Economics*, 29 (2), 154-170.
- Everding, J. und M. Harding. 2020. "Medical marijuana and antidepressant use: Causal forest evidence from the US." *Mimeo*.
- Everding, J. 2019. "Heterogeneous spillover effects of children's education on parental mental health." *HCHE Research Paper No. 2019/18*.
- Schreyögg, J., T. Stargardt, L. Kwietniewski, H.-H. König, M. Lambert, B. Linschmann, M. Bäuml, S. Frey, N. Birkner, J. Everding, M. Baumann, A. Weide, V. Könitz, C. Pott und I. Schütze. "Begleitforschung zu den Auswirkungen der Einführung des pauschalierenden Entgeltsystems für psychiatrische und psychosomatische Einrichtungen," 2018.

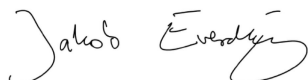
TEACHING EXPERIENCE

Seminar:	Digitalization and AI in health care management (Bachelor) Hospital behavior and financial incentives (Master)
Tutorial:	Empirical research methods (Master, substitute lecturer) Introduction to health care management (Bachelor)

EXTRACURRICULAR ACTIVITIES & INTERESTS

04/2013 - 11/2016	Delegate, student parliament of HAW Hamburg
02/2013 - 01/2014	Vice Chairman, Wi-Ing aktiv e.V.
04/2007 - 07/2009	Sailing instructor, Segelclub Baltic e.V.
Interests:	Swimming, sailing, yoga, traveling

Hamburg, 27/05/2020



Jakob Everding