

## PERSONAL INFORMATION

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*Date and place of birth:* 17/05/1991, Peine  
*Family status:* Married, no children  
*Address:* Probsteier Str. 8 · 22049 Hamburg



## WORK EXPERIENCE

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12/2016 - present      Research Associate, Hamburg Center for Health Economics (HCHE), University of Hamburg  
Research areas: Big data and digital health, population health  
Data analytics for the third party funded project "PEPP": Data pre-processing (multiple secondary and primary data sources, ETL), creating an exploratory database, descriptive and inferential statistical analyses (in R and MS SQL Server)

01/2019 - 05/2019      Junior Specialist, Deep Data Lab and Department of Economics, University of California, Irvine (UCI)  
Causal machine learning project: Pre-processing incl. feature engineering, PoC analyses, benchmarking, causal forest model design and implementation (in R)

02/2015 - 09/2016      Research Assistant, Chair of Technology and Innovation Management, Helmut-Schmidt-University, Hamburg  
Joint project "Open Foresight": Text mining for analyzing user innovation

12/2013 - 11/2014      Working Student, Olympus Surgical Technologies Europe, Hamburg  
Product management (high-frequency surgery): Sales reports and market research

07/2013 - 09/2013      Engineering Intern, Diehl Service Modules GmbH, Hamburg

## EDUCATION

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12/2016 - present      Ph.D. Candidate, Economics and Econometrics, University of Hamburg  
Thesis: "Essays on Health Production using Causal Machine Learning and Panel Data Econometrics." Ph.D. courses: Econometrics and big data, applied microeconometrics, deep learning, big data (UCI, audited), statistical analysis of big data

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 (postgrad.): 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

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2016      DAAD PROMOS Scholarship  
2015 - 2016      Schmalenbach-Scholarship

## QUALIFICATIONS

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<i>Language skills:</i>	<i>German:</i>	Native
	<i>English:</i>	Proficient, spoken and written (C2, IELTS 8,5/9,0)
	<i>French:</i>	Good knowledge (B1, DELF certificate)
<i>Computer skills:</i>	<i>R, Stata:</i>	Proficient (5+ years, e.g. grf, glmnet, dplyr)
	<i>Python:</i>	Good knowledge (2+ years, e.g. TensorFlow, Keras)
	<i>MS SQL Server:</i>	Advanced knowledge (3+ years)
	<i>SAS/proqSQL:</i>	Basic knowledge
	<i>MS Office, L<sup>A</sup>T<sub>E</sub>X:</i>	Proficient

## PUBLICATIONS (SELECTION)

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Everding, J. & J. Marcus. 2020. The effect of unemployment on the smoking behavior of couples." *Health Economics*, 29 (2), 154-170.

[Working paper: SOEPpapers] [Media coverage: Ärzte Zeitung]

## TEACHING EXPERIENCE (SELECTION)

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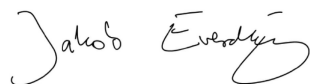
<i>Seminar:</i>	Digitalization and AI in health care management (Bachelor)
<i>Tutorial:</i>	Empirical research methods (Master, substitute lecturer)

## EXTRACURRICULAR ACTIVITIES & INTERESTS

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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.
<i>Further training:</i>	Agile project management (two-day course, 2019)
<i>Interests:</i>	Swimming, sailing, yoga, traveling

Hamburg, 12/02/2020



Jakob Everding