Curriculum Vitae

Personal details:

Surname:	Bannert
First name:	Matthias
Work Adress:	ETH Zurich
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Date of birth:	16 April 1982
Marital status:	Married
Nationality	German
Stackoverflow.com	https://stackoverflow.com/users/366256/matt-bannert
Twitter	@whatsgoodio

Work experience:

Since October 2016:	**Data Scientist / DevOps Expert**
	at KOF Swiss Economic Institute at the ETH Zurich.
Spring 2011 – Autumn 2016	**PhD student / mediator economic researchers and IT**
	at KOF Swiss Economic Institute at the ETH Zurich, Business Tendency Survey Group
October 2008 – Spring 2011	**Research Assistant / IT Specialist**
	at KOF Swiss Economic Institute at the ETH Zurich
January 2012 – January 2015	**Fanpictor AG, Zurich**
	CTO for the start-up Fanpictor (Technology driven fan engagement in professional sports)
November 2011 – January 2014	**Part time researcher / Co-PI IBH Project**
	at the Thurgau Institute of Economics, Kreuzlingen. Initialization, development fundraising and operation of the regional, survey-based business tendency indicator BGKI.net
June 2005 – January 2015	**Südseite media**
	co-founder of the web development company mediabar, later on südseite-media

Education:

September 2016	**Ph.D. thesis defended at ETH Zurich,**
	Department of Management, Economics and Technology (ETH D-MTEC). Supervisor: Prof. Dr. Jan-Egbert Sturm, Co-Supervisor: Prof. Dr. Ulf-Dietrich Reips
December 2002 – October 2008	**Diploma in Economics / Econometrics** (Master's equivalent) at University of Constance, Germany

Contribution to Scientific Projects:

SNF Digital Lives: How Online Labor Markets Transform Job Search, Hiring and Labor Market Research (Co-PI)
SNF project 100018_162620: data scientist advisor for studies on discrimination on the Swiss labor market using high dimensional online data
SNF Micro-foundation of economic dynamics – NETSURF (as researcher, completed)

Open Source Software (selected publications):

Bannert, M. (2018): timeseriesdb: Manage Time Series for Official Statistics with R and PostgreSQL, R package version 0.5, on CRAN.Bannert, M. and Thoeni, S. (2018): tstools: A Time Series Toolbox for Official Statistics, R package version 0.3.8.1, on CRAN.
Bannert, M. and Thoeni, S. (2018): kofdata: Get Data from the 'KOF Datenservice' API, R package version 0.3.8.1, on CRAN.

Teaching

Interactive Statistics and Data Visualisation (2018): Taught in German as "Interaktive Statistik und Datenvisualisierung mit R und Shiny" (multiple times from 2016 on)
Exploring Statistics with R (2015): (block seminar) at University of Constance, Germany
Webdatanet Training School 2014: Lecturer for the European Cooperation in Science and Technology (COST), Alexandroupolis, Greece
Exploring Statistics with R (2014): full course at University of Constance, Germany
Principles of Econometrics (2013): R Tutorial at ETH Zurich

Selected Talks & Presentations

Schweizer Statistiktage, Zürich (2018): Open Source Driven Data Pipelines in Economic Statistics

5th International Conference On Establishment Surveys (ICES), Geneva (2016): software demonstration: Manage Time Series in Establishment Statistics with R and PostgreSQL: timeseriesdb

Webdatanet Conference Salamanca, Spain (2015): Manage Time Series in Establishment Statistics with R and PostgreSQL: timeseriesdb}

EU BCS Workshop Brussels, Belgium (2014): Explaining Patterns in Response Behavior - An Application of Data from a Survey About Surveys

3rd European Establishment Statistics Workshop Nuremberg (2013):
Reproducible Data Processing, Aggregation, Reporting and Storing of Business Tendency Survey Data in an Open Source Framework at 3rd European Establishment Statistics Workshop Nuremberg