CURRICULUM VITAE
Felix Reichel

4040 Linz, Austria
Year of Birth: 2000
Citizenship: Austrian

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Student, Data Engineer, Software Engineer

Education

2024-2025/6	**MSc Economic and Business Analytics**
	Johannes Kepler University Linz
2–7/2025	**Exchange term, Economics and Econometrics**
	Università degli Studi di Bologna
12/2023	**BSc Business and Economics** (Economics & Psychology)
	Johannes Kepler University Linz
2014–2023	**Ing. Information- and Media-Technology**
	Higher Technical College Leonding

Employment

Public Sector

04/2024 –	**Data Engineer**
	Department of Economics, Johannes Kepler University Linz
02/2025 – 07/2025	**Visiting Student**
	Department of Economics, University of Bologna
10/2023 – 02/2024	**Software Engineer**
	Institute of Digital Business, Johannes Kepler University Linz
01/2023 – 09/2023	**Student (On educational leave)**
	Johannes Kepler University Linz
10/2021 – 02/2022	**Teaching Assistant**
	Institute of Digital Business, Johannes Kepler University Linz
07/2019 – 12/2019	**Military Service / Conscript** (Paramedic)
	Austrian Armed Forces

Private Sector

01/2020 – 12/2022	**Software Engineer**	
	Curecomp Software Services GmbH, *proALPHA, now DIG GmbH*	
09/2018 – 02/2019	**Software Engineer**	
	Variocube GmbH	
08/2018	**Software Engineer Intern**	
	Process Industries and Drives, SIEMENS	
07/2018	**Software Engineer Intern**	
	Onlinegroup.at creative online systems GmbH	
09/2017 – 04/2018	**Web Developer**	
	Onlinegroup.at creative online systems GmbH	
07/2016 – 08/2016	**Web Development Intern**	
	Onlinegroup.at creative online systems GmbH	

Additional Courses

6/2025	6th **Summer School in Advanced Economics: Causal Inference Bridging Theory & Practice**, Spetses University of Pireaus & University of Ioannina
7–8/2024	57th **Essex Summer School in Social Science Data Analysis: Spatial Econometrics**, Colchester University of Essex
2/2024	4th **Fribourg Spring Term Winter School in Data Analytics and Machine Learning**, Fribourg University of Fribourg
7–8/2022	8th **Summer school, Data Science: Foundations of Data Analysis**, Coventry University of Warwick

Grants

2025	IPS Stipend for studying abroad, *Government of Upper Austria*
2025	Support Stipend for studying abroad, *Federal State of Austria*
2025	Erasmus+ and Erasmus+ Green Travel mobility scholarship for an exchange term, *Erasmus EU Programme for Education, Training, Youth, and Sport (EU Commission)*
2025	Ministry Grant for the Essex Summer School in Social Science Data Analysis, *Austrian Federal Ministry of Education, Science and Research (BMBWF)*
2024	Support-based study grant under §StudFG 1992, *Federal State of Austria*
2023	Study abroad grant for the Fribourg Spring Term Winter School, *University of Linz*
2023	Support-based study grant under §StudFG 1992, *Federal State of Austria*

Honours

2024	Completed a summer course in Spatial Econometrics (with Distinction), *University of Essex*
2023	Received merit-based scholarship 2021/22 (1x, €750), *University of Linz*
2022	WSS Best Student Award in Data Science, *University of Warwick*
2022	Completed a summer course in Data Science (with First Class Honours), *University of Warwick*
2019	Best of Projects 2019 – Project Award, *Alumni Association of HTL Leonding (absleo.at)*
2019	All school years passed with Distinction (13x), *Higher Technical College Leonding*

Fellowships

2024   Fellow, Case Talent Pool for top-case-score students, *Candidate Select GmbH*
2023   Member, *Fishnet* – Educational Aid for Children in Africa
2018   Member, *TriRun Linz* – Sports and Public Health
2018   Volunteer, *Brucknerhaus Linz* – Art and Culture

Certificates

02/2024   TOEFL® iBT (C1), *Austria's Agency for Education and Internationalization*
12/2023   Engineer's Degree (Ing.) in Computer Science, *Economic Chamber of Austria*
01/2018   Certificate in Database Programming with PL/SQL, *Oracle Academy*
06/2017   Certificate in Database Programming with SQL, *Oracle Academy*

MOOCs

2025   Introduction to Bayesian Analysis, *UCL Extend*
10/2021   Time Series Analysis and Forecasting with Python, *Udemy Inc.*

Skillset

- **Computer skills**: R**, Python**, LaTeX*, STATA*, SQL***, PL/SQL**, Angular**, JS/TS*, Java***, Jakarta EE*, JPA*, JSF*, HTML**, CSS**, PHP*, UNIX*, WordPress*, LibreOffice Calc*

- **Current Interests:** (Causal) Data Analysis, Econometrics, Statistics and Data Science, Software Engineering, Data Engineering, Statistical Methods for High-Dimensional Data, High-Performance Computing (HPC) and Advanced Research Computing (ARC)

- **Miscellaneous:** Agile methodologies, Responsive Web-design & UI/UX Basics, 1st year University Tutoring, (Big) Data Engineering for Applied Econometric Research in Industrial Organization

Languages

German: Native, **English:** C1, **Spanish:** A2

List of Works, since 12/2023

(Excerpt of) Current Interests:

- (3) *W(h)ine for me baby.. PFAS Data from The Forever Pollution Project: Linking PFAS Sites to Health Register Data* [**PFAS Data Hub - CNRS**].

- (2) Landmatrix Data on latest Landgrabbing deals in low and middle income countries. [**Landmatrix.org**].

- (1) *Identification/Falsification of the 'Bannister Effect' using Regression Discontinouity Design (RDD) / A Quasi-Experimental Investigation of One-Mile Running Progression Times Around the Bannister Sub-Four Minute Threshold* [**repo**].

Unfinished/Work in Progress

- (4) *Notes on Maps, Residuals' Chaos Theory and Residual Complexity.*

- (3) *Estimating the Pass-Through of the German Single-use plastic products (SUPs) e-commerce regulation using price data.*

- (2) *Summary Notes on Introductory Econometrics* [**pdf**].

- (1) *"Customer Journey's" Last Resort? An Empirical Investigation of Third-Party Quality Seals and Reputation Systems in E-Commerce.* [**prelim-results-pdf**].

    - Related Literature.
    - References [**pdf**].
    - Appendix A: Regression Analysis based on aggregated data at the retailer-time level [**pdf**].
    - Appendix B: Figures based on aggregated data at the retailer-time level, including outcome trajectories of retailers.
    - Appendix C: Figures based on own quasi-experimental design and aggregated data at the product-retailer-time level.
    - Appendix D: Regression Analysis based on own quasi-experimental design and aggregated data at the product-retailer-time level.
    - Appendix E: Estimated Effects based on own quasi-experimental design and aggregated data at the product-retailer-time level.
    - Appendix F: Dataset descriptions and Relational Algebra of Computed Variables / Columns / Features.
    - Appendix G: Main application configurational details.

Publications

Published (In Refereed journals)

- Reichel, F. (2025). *On Bessel's Correction: Unbiased Sample Variance, the Bariance, and a Novel Runtime-Optimized Unbiased Estimator.* **Journal of Mathematics and Statistics, 21 (1)**, .
  DOI: –

- Reichel, F. (2025). *Using COVID-19 response policy to estimate open water and swim drafting effects in triathlon.* **Scientific Journal of Sport and Performance, 4 (3)**, 443-453. DOI: `https://doi.org/10.55860/OKSA5594`

Published Preprints

- (5) Reichel, F. (2025). *Statically Significant Linear Regression Coefficients Solely Driven By Outliers In Finite-Sample Inference*, **arXiv.** `[stat.ME]` DOI: `https://doi.org/10.48550/arXiv.2505.10738`

- (4) Reichel, F. (2025). *Strategic Effort and Bandwagon Effects in Finite Multi-Stage Games with Non-Linear Externalities: Evidence from Triathlon using a Leave-One-Out IV Strategy.*, **arXiv.** `[econ.GN]` DOI: `https://doi.org/10.48550/arXiv.2505.03247`

- (3) Reichel, F. (2025). *On Bessel's Correction: Unbiased Sample Variance, the "Bariance", and a Novel Runtime-Optimized Unbiased Sample Variance Estimator.* **JKU Working Paper Series** No. 2506, **Qeios** (Open Peer Review) DOI: `https://doi.org/10.32388/3GJGNA.2`,
  arXiv. `[stat.ME]` DOI: `https://doi.org/10.48550/arXiv.2503.22333`,
  Podcast episode on **Spotify**: `https://open.spotify.com/episode/1yezW2BT8PRGRL4Zyw4QRj?si=0288dfada3b1457e&nd=1&dlsi=11e6387278ab45f8`

- (2) Reichel, F. (2025), *Using Covid-19 Response Policy to Estimate Open Water Swim Drafting Effects in Triathlon.* **arXiv.** `[econ.GN]` DOI: `https://doi.org/10.48550/arXiv.2502.09277`

- (1) Reichel, F., Schindl, M. (2024), *Spatial Competition on Psychological Pricing Strategies: Preliminary Evidence from an Online Marketplace.* Course Essay. **arXiv.** `[econ.EM]` DOI: `https://doi.org/10.48550/arXiv.2411.07808`

Published (Software)

- **Software Packages**:
  - ⋆ 🐍 `alpha-miner` 0.1.3 (WIP):
    The `alpha-miner` package implements the α-algorithm, a foundational discovery algorithm in process mining. `MIT License.` Hosted on pypi. [***pypi***].

Unpublished

- (2) Reichel, F. (2024), *Using ARIMA Models for Short-Term Stock Forecasting* [***pdf***].

- (1) Reichel, F. (2023), *Stock Returns over the FOMC Cycle Revisited*, Submitted to Journal of Fincance (JoF) as Replication, rejected. Accepted as Bachelor Thesis. [***repl-pckg***].

Presentations

As Co-Presenter

- 6/2024: Coursework. *The Economic Impact of Removing GEO-Blocking Restrictions in the EU Digital Single Market Based on Duch-Brown et al. (2016, 2017, 2020, 2023)*, with Daniel Jürging [***slides***].

Scientific Conferences, Seminars and Workshops

As Attendee

- 3/2025: **FBK-IRVAPP**.