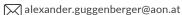
Alexander Guggenberger

<u>www.alexander-guggenberger.com</u>





Vienna +43 650 88 234 16



Expertise

- Python, oTree (Html, JS, CSS)
- Statistics, Econometrics, Empirical Research, Causal Inference, Experimental Design
- Teaching

Education

10/2021 - ongoing

Salzburg/Vienna

Ph.D. in Economics

Paris Lodron University Salzburg

- Project 1: I designed an experiment which tests game theoretical equilibria of a voting game in the laboratory and programmed the experiment using the oTree framework which involved coding in Python, html, Javascript, CSS, and conducted it at the Vienna Center for Experimental Economics.
- Project 2: I study a sequential demand planning problem where private information held by the involved forecasters is transmitted into the final forecast. Based on empirical findings from a corporate data sponsor, I design an experiment testing ways to increase the efficiency of the forecasting process, focusing on incentive compatibility and cognitive limitations and also exploring the potential of algorithmic support for information processing. This project will be sponsored by the Heinrich Graf Hardegg'sche Stiftung.
- Visiting PhD student at the University of Rotterdam 10/2024-12/24

10/2018 - 03/2020

Vienna

University of Vienna

M.Sc. in Economics (GPA 1.38)

- Focus on econometrics, data analysis, causal inference and quantitative methods
- Empirical Master's thesis (grade excellent) on the effect of rent control on supply using census data from Statistics Austria, Statistical programming done in Stata

10/2015 - 10/2018

Vienna

University of Vienna

B.Sc. in Economics (GPA 1.82)

2014

Bad Vöslau

Bundes- und Bundesrealgemnasium Bad Vöslau

Matura with distinction

Languages

- English (C2)
- German (native)
- Spanish (B2)
- French (A1)
- Chinese (A1)

Work Experience

10/2021 - ongoing

Shisolabs GmbH

Salzburg/Vienna

Data Scientist

Responsible for data analysis, coding and reporting prototypes of data driven solutions to business problems in R and Python, evaluating and validating algorithmic forecasts etc

Other Skills

Pianist and keyboardist, see alexander-guggenberger.com/musik

05/2021 - 08/2022

Salzburg/Vienna

University of Salzburg Research Assistant

· Data analysis & statistical programming in R. Preparation of Project 1 of my Ph.D. (vide supra)

02/2020 - 04/2021

Vienna

University of Vienna

Research Assistant

· Projects on the intersection between econometric and machine learning methods for demand forecasting using real world data.

03/2020 - 06/2020

Vienna

Samariterbund

Extraordinary National Service due to Covid 19

09/2019 - 02/2020

Vienna

University of Vienna

Tutor for the Course "Quantification and Statistics"

· Presentation of the problems to the students in the tutorial course.

07/2019 - 09/2019

Rostock

Max Planck Institute for Demographic Research

 Various projects in the Fertility and Wellbeing Lab which involved the descriptive, explorative and regression analysis of socioeconomic data sets (SOEP, PSID) in Stata.

2017 - 2019

Vienna

Austrian Academy of Sciences

Working Student

• Technical assistant in the administration during lecture-free periods (6 months total).

2016 - ongoing

Vienna

Self-Employed

Private Tutor in Mathematics, Statistics, Statistical Programming

- . Tutoring of school kids (which greatly enhanced my interpersonal, communication & teaching skills)
- Statistical consulting for University projects and theses involving data analysis and programming in R and Python, ranging from Social Sciences to Bio Data Science

10/2014 - 06/2015

Mödling

ÖJAB Youth Residence Mödling

National Service