

VALENTIN ELIAS WINKLER

✉ valentin.winkler@icloud.com ☎ +1 (347) 337 - 0799 🌐 github.com/valwinkler

EDUCATION

New School for Social Research expected 2024
MA programme Economics New York City, USA

Vienna University of Technology (TU Wien) July 2023
MSc programme Statistics and Mathematics in Economics Vienna, AUT

- Focus on Econometrics and Statistics
- Thesis 'What Drives Drilling Up and Prices Down? A Structural Vector Autoregressive Model of US Natural Gas Markets'
- Final GPA 1.0, graduated with honors

Vienna University of Technology (TU Wien) February 2022
Bachelor programme Statistics and Mathematics in Economics Vienna, AUT

- Thesis 'Workers, Capitalists and State Dependent Effects of Government Spending'
- Final GPA 1.6

University of Vienna paused, expected 2025
Bachelor programme History Vienna, AUT

- Focus on Economic History and Agrarian History
- ~80% of degree completed, current GPA 1.3

SCHOLARSHIPS

Maria Szécsi Fellowship June 2023
Vienna Chamber of Labor

Fulbright Scholarship July 2022
Fulbright Austria

RESEARCH

What Drives Drilling Up and Prices Down?
A Structural Vector Autoregressive Model of US Natural Gas Markets
Working Paper Current Version

WORK EXPERIENCE

University Learning Center, The New School since September 2023
Math Tutor New York City, USA

Vienna University of Business and Economics (WU Wien) September 2022 - March 2023
Research Assistant Vienna, AUT

- Helped to conduct a firm survey in the field of industrial organization

Macroeconomic Policy Institute (IMK) July 2022 - September 2022
Summer Intern Düsseldorf, GER

- Evaluated the German fuel tax cut in 2022 using ARIMA-GARCH forecasting techniques

- Studied the US natural gas market using a Bayesian SVAR model

Vienna University of Technology (TU Wien)

March 2021 - June 2023

Research Assistant

Vienna, AUT

- Solved and interpreted macroeconomic models
- Gathered and analysed (micro)economic data

Vienna University of Technology (TU Wien)

November 2020 - February 2021

Teaching Assistant for Microeconomics

Vienna, AUT

LeitnerLeitner Tax Audit Advisory

March 2020 - January 2021

Project Staff Member

Vienna, AUT

- Helped introducing robotic process automation (RPA) to the company

LeitnerLeitner Tax Audit Advisory

August 2019 - September 2019

Summer Intern

Linz and Vienna, AUT

- Valuation of usufructuary rights using mortality tables
- Programmed a tool to estimate risk-less yield curves using the Svensson procedure

Association of the Blind and Visually Impaired

August 2017 - April 2018

Civil Servant

Linz, AUT

TECHNICAL STRENGTHS

Statistics, modelling and mathematics tools

R Studios, L^AT_EX, Maple, Dynare, Ocbin

Programming languages

Python, Matlab, C, C++

Office

Word, PowerPoint, Excel

Languages

German (mother tongue), English

VOLUNTEER ENGAGEMENT

Tutoring

Supervised a student for a free tutoring platform for several months

Educational Work

Organized and held seminars, workshops and reading circles for a political youth organization

Organizing

Was a member of the federal board of a political youth organization and helped organize congresses with more than 100 attendees

MUSIC

Violine

Took lessons for twelve years, participated in several orchestra projects

Piano

Took lessons for four years

Singing

Took lessons for two years, still singing in a choir