

# Gustav Pirich

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## Education

<b>PhD Economics</b> UZH	starting August 2025 Zurich, Switzerland
<b>M.Sc. in Economics (Science Track)</b> WU Vienna	September 2022 - September 2024 Vienna, Austria
<ul style="list-style-type: none"><li><b>GPA and rank:</b> 1.07, Ranked 6<sup>th</sup> among 72 students of the cohort</li><li><b>Specializations:</b> Environmental Economics (excellent), Natural Resource and Energy Economics (excellent), Gender Economics (award for outstanding academic performance), and Spatial Economics (excellent)</li><li><b>Exchange Semester:</b> Stockholm School of Economics</li><li><b>Thesis:</b> From Mines to Minds: The Impact of Artisanal Mining on Human Capital Formation</li></ul>	
<b>B.Sc. in Business, Economics and Social Sciences</b> WU Vienna	September 2019 – July 2022 Vienna, Austria
<ul style="list-style-type: none"><li><b>GPA and rank:</b> 1.1, Ranked in the top 1% of the cohort</li><li><b>Major:</b> Economics</li><li><b>Exchange Semester:</b> The University of Edinburgh</li><li><b>Thesis:</b> The Impact of China's 'Stadium Diplomacy' on Local Economic Growth in Africa</li></ul>	
<b>Matura</b> Haizingergasse · Graduated with Merit	June 2018 Vienna, Austria

## Research

<b>Mines - Rivers - Yields: Downstream Mining Impacts on Agriculture in Africa</b> with Nikolas Kuschnig, Maximilian Heinze, Lukas Vashold <i>Journal of Development Economics</i>	
<ul style="list-style-type: none"><li>Presented at 14<sup>th</sup> Geoffrey J.D. Hewing Regional Economics Workshop</li></ul>	
<b>The Local Economic Impact of China's Stadium Diplomacy in Sub-Saharan Africa</b> with Valentin Lindlacher <i>World Development</i>	
<ul style="list-style-type: none"><li>Presented at Annual Conference of the Royal Economic Society 2023 in Glasgow, United Kingdom, 8<sup>th</sup>, DENeB PhD Workshop 2023 Berlin, 12<sup>th</sup> Geoffrey J.D. Hewing Regional Economics Workshop, 11<sup>th</sup> Workshop on Regional Economics ifo Dresden, 2023 German Development Economics Conference in Dresden</li></ul>	

## Professional Experience

<b>Research Assistant</b> Prof. Kai Gehring at the Wyss Academy for Nature / University of Bern	since October 2024 Bern, Switzerland
<ul style="list-style-type: none"><li>Conducting a set of information provision experiments</li><li>Using LLMs for text-data classification and simulation of survey experiments</li></ul>	
<b>Project Research Assistant</b> Department of Economics, WU Vienna	March 2024 – October 2024 Vienna, Austria
<ul style="list-style-type: none"><li>Preparing remotely sensed agricultural productivity indicators using Google Earth Engine</li><li>Conducting econometric analyses for a paper on <i>Health and Pollution Impacts of Metal and Mineral Mining</i></li></ul>	
<b>Teaching Assistant for Advanced Macroeconometrics (M.Sc. Level)</b> Department of Economics, WU Vienna	March 2024 – October 2024 Vienna, Austria
<ul style="list-style-type: none"><li>Supporting first-year Master's level courses in Advanced Macroeconometrics with a focus on Bayesian Econometrics</li><li>Conducting tutorial sessions and assisting students with the implementation of empirical projects in R</li></ul>	
<b>Intern</b> Austrian Federal Chamber of Commerce	June 2023 – August 2023 Beijing, China
<ul style="list-style-type: none"><li>Analyzed industry trends and consumer preferences for market research</li><li>Facilitated cross-cultural communication for Austrian companies in China</li></ul>	
<b>Teaching Assistant for Economic Policy (B.Sc. Level)</b> Department of Economics, WU Vienna	September 2022 – February 2023 Vienna, Austria

- Created and graded homework assignments for lecturers
- Conducted tutorial sessions covering mathematical and econometric fundamentals, as well as R programming sessions

### **Research Assistant Internship**

January 2022 – March 2022

Munich, Germany

*ifo Munich, Center for New Technologies and Digitization*

- Prepared and cleaned data in R for research projects on the impact of social media on mental health in Germany

### **Scholarships and Awards**

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#### **Best Master's Thesis at WU Vienna Department of Economics**

2024

#### **Merit-based Scholarships**

- 2023/2024
- 2021/2022
- 2019/2020

#### **WU Rector's List**

2021

#### **Member of WU Top League:**

2020 – 2022

- Program for high potential undergraduate students

### **Skills and Interests**

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**Languages:** German (Native), English (Proficient), French (Basic)

**Software:** R, Python, Google Earth Engine, Stata, Qualtrics, L<sup>A</sup>T<sub>E</sub>X, QGIS (Basics), Git, MATLAB (Basics), Microsoft Office

**Research interests:** Environmental Economics, Development Economics, Experimental Economics