Daniel Schmidtner

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EDUCATION

Master of Arts | *Political Science* — Mar. 2022 – Ongoing
University of Vienna — Vienna, Austria
- Areas of specialisation:
    * Political Theories and Research on Theory
    * State Activity, Policy and Governance Analyses

Master of Science | *Economics* — Oct. 2021 – Apr. 2024
Vienna University of Economics and Business — Vienna, Austria
- Master's Thesis: Regional determinants of CO_2 emissions growth: Spatial filtering in the presence of model uncertainty
- Areas of specialisation:
    * Data Science and Machine Learning
    * Economics of Distribution
    * Money, Credit, and Finance
    * Spatial Economics

Bachelor of Science | *Major: Economics and Socioeconomics* — Oct. 2017 – Sep. 2021
Vienna University of Economics and Business — Vienna, Austria
- Bachelor's Thesis: Exploring the impact of Sweden's carbon tax on the emission levels in the heating sector

Bachelor of Arts | *Political Science* — Oct. 2017 – Apr. 2021
University of Vienna — Vienna, Austria
- Received the University of *Vienna Merit Scholarship* in 2021 and 2022
- Bachelor's Thesis: The Effect of Economic Crises on European Integration

High School Diploma | *Department of Electronics and Computer Science* — 2010 – 2015
HTL-Braunau — Braunau am Inn, Austria
- Track: Mobile Computing

WORK EXPERIENCE

Staff Scientist in the Research Group for Energey, Environment, and Sustainable Economic Structures (EES) — Jun. 2024 – Ongoing
Institute for Advanced Studies (IHS) — Vienna, Austria
- Conducting research as part of the Horizon Europe SUNRISE project

Student Assistant in the Research Group for Energey, Environment, and Sustainable Economic Structures (EES) — Nov. 2022 – May 2024
Institute for Advanced Studies (IHS) — Vienna, Austria
- Assistance in research projects for federal ministries, the Austrian social partnership and the Austrian Labour Market Service
- Data processing with R Studio
- Addressing competitiveness issues related to energy intensity and energy unit costs

Research Assistance in the Research Department (REFFO) — May 2022 – Oct. 2022
Oesterreichische Nationalbank (OeNB) — Vienna, Austria
- Co-development of a Shiny application for the visualisation of geospatial data in R
- Data processing with the help of the R package Tidyverse
- Translation of Stata code into R code

Software Engineer   Dec. 2016 – Aug. 2017

SpiraTec AG   Burghausen, Germany

- Industrial automation engineering for companies from the pharmaceuticals and chemicals sector
- Siemens Simatic S7 programming
- Qualification of the project's documentation

National Service / Community Service in Nicaragua   Nov. 2015 – Oct. 2016

ARGE Schulpartnerschaft HTL Braunau - IPLS León, Verein Chica Österreich   León, Nicaragua

- Maintenance work for the school's photovoltaic systems and wind turbine
- Technical support of the local staff
- Organizational work in the associations office and storage facilities
- Translation of e-mails and other communication between German and Spanish

SKILLS

Languages: German (Native), English (C1), Spanish (B2), Russian (B1)
Programming: R Studio, Stata, Siemens Simatic S7
Document Creation: Microsoft Office, LaTex, Markdown