

# NIRAI ALEXANDER TOMASS

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## EDUCATION

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**WU (Vienna University of Economics and Business)**

Graduate

Economics (Science Track)

2021 - Present

Overall GPA: 1/5

Rank 1/86

**WU (Vienna University of Economics and Business)**

Undergraduate

Business and Economics

2018 - 2021

Overall GPA: 1.14/5

Graduated with honors, Rank 10/141

**Sprachengymnasium Meran**

Five year high school in Italy specializing in languages

Language of instruction: German

2011 - 2017

Graduation Exam: 97/100

**Gymnazium Zdar nad Sazavou**

**Earl's Hall Primary School**

**Prince Avenue Primary School**

2008 - 2011

2006 - 2007

2005 - 2006

## STRENGTHS

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**Software & Tools**

**Technical Skills**

**Languages (in decreasing order of confidence)**

R, LaTeX, MS Office,  
Dynare, Basic Matlab, Basic SQL  
Econometrics and Data Analytics  
Economics  
English, Czech, German, Italian,  
Russian, Polish, Arabic

## EXPERIENCE

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**Masaryk University**

*Research Assistant*

October 2021 - Present

- Support in modelling, prediction exercises and coding within the Czech Science Foundation (GAČR) grant project “On the time-varying predictive ability of theoretical and empirical macroeconomic models.”
- Expected to yield three articles in highly respected field journals

**WU (Vienna University of Economics and Business)**

*Probability and Statistics (Graduate) Tutor*

September 2022 - Present

- Carrying out regular advanced and in-depth exercise sessions
- Assessment of students' individual performance in assignments
- Design of assignments

**WU (Vienna University of Economics and Business)**

*Macroeconomics (Undergraduate) Tutor*

September 2020 - Present

- Carrying out occasional tutorial sessions
- Assessment of students' individual performance in assignments

- Assistance in the design of study materials and their implementation on the LEARN platform

**Austrian Institute of Economic Research (WIFO)**

February 2022 - September 2022

*Research Assistant*

- Empirical modelling and evaluation of energy price transmission in Austria

**WU (Vienna University of Economics and Business)**

February 2020 - July 2021

*Quantitative Methods (Undergraduate) Tutor*

- Carrying out regular advanced and in-depth exercise sessions mainly in R
- Assessment of students' individual performance in group work exercises
- Assistance in the design of study materials

**World Data Lab**

April 2020 - June 2021

*Data Scientist*

- Assistance and carrying out of various projects regarding Poverty, Hunger and Remittances modelling
- Developing subnational spending models
- Developing models to predict spending by spending category (see Brookings article [here](#))

## PEER REVIEWED PUBLICATIONS

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Tomass, N.A. (2022) Saving, Interest Rates and Finite Horizons, *Journal of International Commerce, Economics and Policy*, Volume 13, Issue 02

## NON PEER REVIEWED PUBLICATIONS

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The decline and recovery of consumer spending in the US, *The Brookings Institute*, 2020

## RELEVANT COURSEWORK

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*Note:* All courses are graduate courses, except those labelled with U. All courses are passed with the top grade.

**Mathematics:** Mathematics I (Linear Algebra) and II (Analysis and Calculus), Probability and Statistics, Real Analysis (U), Measure and probability theory (U)

**Economics:** Foundations of Economics, Game Theory, Advanced Microeconomics I, Advanced Macroeconomics I and II, International Economics, Money Credit and Finance, Money and Business Cycles (U)

**Econometrics:** Econometrics I and II (U), Applied Econometrics (U), Advanced Econometric Models and Methods, Advanced Microeconometrics, Advanced Macroeconometrics, Spatial Economics

## GRANTS AND AWARDS

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Ranked first in the WU Economics Master

Placed on the Rector's List for the 2019/2020 winter semester at the Vienna University for Economics and Business

Placed on the Rector's List for the 2020 summer semester at the Vienna University for Economics and Business

Received merit-based scholarships for the years 2019, 2020 and 2022

## **EXTRA-CURRICULAR**

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Consultant and Contributor to Ghana Strategy Report (GSR) 2018

Two-Week Internship as Middle School teacher (mathematics and English) in Merano, Italy

Taught Parkour and Free-Running in Lagundo, Italy