

# BENCE SZABÓ

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## RESEARCH INTERESTS

Demographic economics, public economics, labor economics

## PROFESSIONAL EXPERIENCE

### Bocconi University, Milan

*Research Assistant*

01/2021–03/2022

- Database building, statistical analysis, data visualization for Prof. G. I. P. Ottaviano and Gábor Békés

*Teaching Assistant*

09/2019–08/2021

- Econometrics 20203 course (MSc level) of Prof. Giovanni Bruno, responsible for grading exams, visiting hours for students w.r.t. cross-sectional and panel econometrics

### Budapest Bank, Budapest

*Credit Risk Modeling Analyst*

09/2017–08/2018

- Developing ICAAP risk models: PD for commercial leasing and SME portfolios, LGD for all wholesale and retail commercial portfolios
- Maintaining commercial ICAAP, IFRS models, and concentration risk simulation
- Providing generalized machine learning solutions to the modeling team

### Centre for Economic and Regional Studies, Hungarian Academy of Sciences, Budapest

*Research Assistant*

05/2016–07/2017

01/2014–08/2015

- Econometric and statistical analysis using large demographic, labor, and firm datasets (regression, network, and cluster analysis)
- Database building and research documentation

Senior researchers: Gábor Kertesi, Gábor Kézdi, Tamás Hajdu

### Institute for Economic and Enterprise Research, Budapest

*Junior Analyst*

03/2015–08/2015

*Analyst Intern*

10/2013–10/2014

- Economic and statistical analysis of employment and firm dynamics, database building

Senior researcher: István János Tóth

## EDUCATION

### Bocconi University, Milan

2018–2023

*Ph.D. in Economics*

Thesis: Three Essays in Public Economics

- Tax Incentives and Completed Fertility (JMP)
- Charitable Behavior and Public Intervention
- Housing and Fertility

*Advisors:* G. I. P. Ottaviano, Joseph-Simon Görlach, Francesco C. Billari

**Central European University, Budapest**

2015–2017

*MA in Economics*, GPA: 3.9/4.0, class rank: 1/20

Thesis: Fertility Effects of the Family Tax Break Extension in Hungary

*Advisor*: Gábor Kézdi**Eötvös Loránd University, Budapest**

2011–2014

*BA in Applied Economics*, Graduated with Honors, GPA: 5.0/5.0

Thesis: Determinants of Post-Graduation Foreign Country Employment

*Advisor*: János Köllő**AWARDS, FELLOWSHIPS**

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Budapest Institute YEP Fellowship	2022
Full Scholarship of the Economics Ph.D. Program at Bocconi University	2018–2022
Master's Thesis First Prize of the Hungarian Economic Association	2017
Peter Hangartner Fellowship	2015–2016
Best Thesis Prize of BA in Applied Economics, Eötvös Lorand University	2014
Fellowship of the Republic of Hungary	2013–2015
National Secondary School Academic Competition, History 1 <sup>st</sup> prize	2010

**LANGUAGES**

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English (advanced, C1), German (intermediate, B2), Hungarian (native)

**PROGRAMMING SKILLS**

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R (tidyverse), Python (pandas, numpy, scipy), PL/SQL, STATA

**REFERENCES**

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G. I. P. Ottaviano, Joseph-Simon Görlach, Francesco C. Billari, Guido E. Tabellini

**WORKING PAPERS**

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- [Tax Incentives and Completed Fertility](#) (Job Market Paper)
- [Charitable Behavior and Public Intervention: a Survey Experiment](#) (joint work with Francesca Leombroni)
- [Housing and Fertility](#)
- [The Impact of Childcare on Maternal Employment](#) (joint work with Judit Berei, Márton Csillag, Hanna Erős, Judit Krekó, Ágota Scharle)

**OTHER ACTIVITIES**

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- Referee for the Review of International Economics