

# 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

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### 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

## WORKING PAPERS AND TALKS

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- [Tax Incentives and Completed Fertility](#) (Job Market Paper), accepted at the 2023 Annual Meeting of the Population Association of America (820 - Population Politics, Population Policies, and Fertility)
- [Presentation](#) at the Centre for Economic and Regional Studies in Budapest, 2022.04.14. [\[video\]](#)
- [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
- Completed the training “Bocconi Excellence in Advanced Teaching” (2019)
- Attendee of the “Efficiency in Education – concepts, techniques and results” workshop of EdEN project at Politecnico di Milano School of Management (October 17-19, 2016)
- Attendee of the “Five Day Training Course on Structural Models for Policy Evaluation and Discrete Choice Approaches” of EdEN project at Maastricht University (June 6-10, 2016)

## REFERENCES

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- G. I. P. Ottaviano: Full professor at the Department of Economics at Bocconi University ([gianmarco.ottaviano@unibocconi.it](mailto:gianmarco.ottaviano@unibocconi.it))
- Joseph-Simon Görlach: Assistant professor at the Department of Economics at Bocconi University ([josephsimon.goerlach@unibocconi.it](mailto:josephsimon.goerlach@unibocconi.it))
- Guido E. Tabellini: Full professor at the Department of Economics at Bocconi University ([guido.tabellini@unibocconi.it](mailto:guido.tabellini@unibocconi.it))
- Francesco C. Billari: Rector, Professor of Demography in the Department of Social and Political Sciences at Bocconi University ([francesco.billari@unibocconi.it](mailto:francesco.billari@unibocconi.it))