

# Curriculum Vitae

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## PERSONAL DETAILS

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Name: András Borsos  
Citizenship: Hungarian  
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## WORK EXPERIENCE

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2021 –	<b>Complexity Science Hub</b> <i>Postdoctoral Researcher</i>	Vienna
2019 –	<b>National Bank of Hungary</b> <i>Researcher – Applied Research Department</i>	Budapest
2018 Fall	<b>Institute for New Economic Thinking – University of Oxford</b> <i>Visiting researcher</i>	Oxford
2017 Fall	<b>Complexity Science Hub</b> <i>Visiting researcher</i>	Vienna
2015 – 2019	<b>National Bank of Hungary</b> <i>Junior researcher – Applied Research Department</i>	Budapest
2014 Summer	<b>Ministry for National Economy</b> <i>Summer Internship – Tax Design Directorate</i>	Budapest
2013 Summer	<b>IFUA Horváth&amp;Partners</b> <i>Summer Internship – Strategic Management Consulting</i>	Budapest
2012	<b>Diófa Fund Management</b> <i>Internship – Financial Product Development</i>	Budapest

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## EDUCATION

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2016 – 2021	<b>Central European University, PhD</b> <i>Network and Data Science</i>	Budapest
2013 – 2015	<b>Central European University, MA</b> <i>Economic Policy in Global Markets</i>	Budapest
2010 – 2015	<b>Heller Farkas College of Advanced Financial Studies</b>	Budapest
2009 – 2012	<b>Corvinus University of Budapest, BA</b> <i>Finance and Accounting</i>	Budapest

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## PUBLICATIONS

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2020 Borsos, Andras, and Martin Stancsics. Unfolding the hidden structure of the Hungarian multi-layer firm network. No. 139. Magyar Nemzeti Bank (Central Bank of Hungary), 2020.

2020	Borsos, Andras, and Bence Mero. Shock Propagation in the Banking System with Real Economy Feedback. No. 2020/6. Magyar Nemzeti Bank (Central Bank of Hungary), 2020.
2016	Borsos, Ákos Aczél–Ádám Banai–András, and Bálint Dancsik. "Identifying the determinants of housing loan margins in the Hungarian banking system." <i>Financial and Economic Review</i> (2016): 5.
2011	Borsos, András and Ónodi-Szűcs, Zoltán. The correlation between admission scores and academic performance. <i>Student-Scholar – Business models, economic and social impacts</i> , page 107-127. Alinea, 2011

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#### AWARDS, SCHOLARSHIPS

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2018	Doctoral Research Support Grant – Central European University
2015	Best MA Thesis Award – <i>Thesis title: Efficiency in bank regulation – Analyzing contagion in the Hungarian interbank network</i>
2012	Student Research Conference – Finance section – First round
2011	Student Research Conference – Econometrics section – I. Prize
2011	Outstanding Academic Scholarship, Corvinus University of Budapest

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#### SUMMER SCHOOLS

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2019	GSERM Summer School – Spatial Econometrics	St. Gallen
2019	Budapest School – Early warning systems	Budapest
2017	Oxford Summer School in Economic Networks	Oxford
2017	SEMSTAT winter course on Statistical Network Science	Eindhoven
2016	Financial frictions in DSGE models (Bank of England)	London
2015	Social interactions: networks and complexity	Budapest

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#### CONFERENCE PRESENTATIONS

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2020	Annual Conference of the Hungarian Society of Economics	Online
2020	Annual Financial Market Liquidity Conference	Online
2020	Change, Redirection and Development Conference	Online
2019	Conference on Complex Systems	Singapore
2019	Central European Conference in Regional Science	Sopron
2019	NetWorkshop	Pécs
2018	Econophysics Colloquium 2018 (poster)	Palermo
2018	NetSci 2018 satellite workshop – Statistical Physics for Financial & Economic Networks	Paris

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#### EXTRACURRICULAR ACTIVITIES

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2010 – 2015

**Heller Farkas College for Advanced Financial Studies**

- Member of the Finance Team: responsible for corporate relations (2010/11)
- Financial Director (2011/12)
- President of the Foundation for Heller Farkas College (2012-2014)
- President of the Supervisory Board (2013/14)

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**TEACHING EXPERIENCE**

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2017 and 2020	Economic Networks (Lecturer at Heller Farkas College for Advanced Financial Studies)
2018 and 2019	Moral Philosophy in Economics (Lecturer at Heller Farkas College for Advanced Financial Studies)
2019	Computational Social Science (Teaching Assistant at Central European University)
2012/13 and 2013/14	Introduction to Financial Economics (Lecturer at Heller Farkas College for Advanced Financial Studies)

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**SKILLS AND INTERESTS**

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Languages	English: Professional working proficiency  German: C1 (2010), passive
Computer skills	Matlab, R, Python, VBA, EViews, Stata, Gretl, Gephi, UCINet
Hobbies and Interests	Sports (table tennis, squash), Architecture, Philosophy