

JOHANNES HIRVONEN

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EDUCATION

Northwestern University

Ph.D. in Economics

Evanston, IL, USA

2023 - Present

Fields: Industrial Organization, Labor Economics

Aalto University

M.Sc. in Economics (with distinction)

Espoo, Finland

2019 - 2021

Aalto University

B.Sc. in Economics (with distinction)

Espoo, Finland

2015 - 2019

University of Helsinki

Non-degree studies in Mathematics

Helsinki, Finland

2018 - 2021

Took courses in e.g. real analysis, topology, and measure theory.

WORKING PAPERS

New Evidence on the Effect of Technology on Employment and Skill Demand [\[link\]](#)

with Aapo Stenhammar and Joonas Tuhkuri.

Under revision for the *Quarterly Journal of Economics*

- Paper included in the following programs: AEA 2023, Econometric Society European Winter Meeting 2022, CESifo/ifo Junior Workshop on Big Data 2022, NBER SI 2022 (IT&D), AI-Econ Lab 2022, Nordic Summer Institute in Labor Economics 2022
- Featured in The Economist ([article](#), [leader](#)) and [Wired](#).

POLICY REPORTS

Did Digitalization Increase the Resilience of Societies During the COVID-19 Pandemic? (in Finnish) [\[link\]](#)

with Otto Kässi, Jyrki Ali-Yrkkö, and Mika Pajarinen, March 2023.

Are Global Value Chains Changing? (in Finnish) [\[link\]](#)

with Jyrki Ali-Yrkkö and Mika Pajarinen, February 2023.

Policy Brief: New Evidence on the Effect of Technology on Employment and Skill Demand (in Finnish) [\[link\]](#)

with Aapo Stenhammar and Joonas Tuhkuri, April 2022.

In Search of Upcoming Supply Chain Surprises: The World Export Market Shares of Belarus, Russia and Ukraine [\[link\]](#)

with Jyrki Ali-Yrkkö and Petri Rouvinen, March 2022.

The Significance of Russia for Finnish Companies (in Finnish) [\[link\]](#)

with Jyrki Ali-Yrkkö and Aki Kangasharju, March 2022.

WORK IN PROGRESS

Business Development Grants in Disruptive Times

with Otto Kässi and Olli Ropponen.

We analyze the effect of business development subsidies granted by Business Finland during the COVID-19 pandemic. Our main research design utilizes the random assignment of cases to officials in constructing a judge leniency measure, which provides exogenous variation in the probability of receiving a subsidy. We focus on central firm-level outcomes, along with tracking the effects of the subsidies on incumbent workers.

EMPLOYMENT

Etla Economic Research Researcher	Helsinki, Finland 2022 - 2023
Etla Economic Research Research Trainee	Helsinki, Finland 2019 - 2021
Aalto University Research Assistant for Professor Otto Toivanen	Espoo, Finland 2019
Aalto University Teaching Assistant <i>Intermediate Microeconomics, Microeconomics: Pricing and Strategy, Money and Banking</i>	Espoo, Finland 2019, 2020

PRESENTATIONS

AI-Econ Lab, The Impact of AI on White Collar Work	2022
Ministry of Economic Affairs and Employment in Finland	2022
EUROFRAME	2022
Etla Economic Research Seminar Series	2021

GRANT AND AWARDS

Northwestern University Fellowship	2023
Yrjö Jahnsson Foundation	2023
HSE Support Foundation	2022
Fulbright Scholarship	2021
Foundation for Economic Education	2021

COMPUTER SKILLS

Python, Stata, C, Java, Git

LANGUAGES

English (fluent), Finnish (native), German (basic), Swedish (basic)

OTHER

Aalto Economics Student Organization Vice President	Espoo, Finland 2020 - 2021
The Finnish Defence Forces Conscript (compulsory one-year military service)	Helsinki, Finland 2016 - 2017