

JOHANNES HIRVONEN

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EDUCATION

Aalto University School of Business

Ph.D. in Economics

Espoo, Finland

2022 - Present

Fields: Industrial Organization, Labor Economics, Microeconomic Theory

Aalto University School of Business

M.Sc. in Economics (Grade: Distinction)

Espoo, Finland

2019 - 2021

Thesis: *"Measuring New Technologies: Evaluation of the Effects of Receiving a Technology Subsidy in Finnish Manufacturing"* (Grade: 5/5, Excellent)

Aalto University School of Business

B.Sc. in Economics (Grade: Distinction)

Espoo, Finland

2015 - 2019

Thesis: *"Effects of Generic Substitution on Medicine Prices: Theoretical Analysis"* (Grade: 5/5, Excellent)

University of Helsinki

Non-degree studies in Mathematics

Helsinki, Finland

2018 - 2021

- Took courses in e.g. real analysis, topology, and measure theory but did not pursue a degree

WORKING PAPERS

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

with Aapo Stenhammar and Joonas Tuhkuri, April 2022.

Under revision for the *Quarterly Journal of Economics*

- Conference programs (incl. scheduled): AEA 2023 Annual Meeting, NBER Summer Institute 2022, IT and Digitization; Summer Seminar of Finnish Economists 2022; AI-Econ Lab, The Impact of AI on White Collar Work 2022; Nordic Summer Institute in Labor Economics 2022
- Featured in The Economist ([article](#), [leader](#)) and [Wired](#)

POLICY REPORTS

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.

- Featured in 20+ Finnish newspapers and media outlets (e.g. [Taloussanomat](#), [Tekniikka & Talous](#))

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.

- Featured in 10+ Finnish newspapers and media outlets (e.g. [Kauppalehti](#), [Talouselämä](#))

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

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

- Featured in 40+ Finnish newspapers and media outlets (e.g. [YLE](#), [HS](#), [MTV](#), [KL](#), [Talouselämä](#))

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 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.

- Conference presentations: EUROFRAME 2022

EMPLOYMENT

Etla Economic Research Researcher	Helsinki, Finland 2022 - Present
<ul style="list-style-type: none">• Research on topics around firm innovation and resilience	
Etla Economic Research Research Trainee	Helsinki, Finland 2019 - 2021
<ul style="list-style-type: none">• Research on the effects of new technologies on skill demand and employment	
Aalto University Research Assistant for Professor Otto Toivanen	Espoo, Finland 2019
<ul style="list-style-type: none">• Research on pharmaceutical market competition in the Nordic countries	
Aalto University Teaching Assistant	Espoo, Finland 2019, 2020
<i>Intermediate Microeconomics, Microeconomics: Pricing and Strategy, Money and Banking</i>	

CONFERENCES AND PRESENTATIONS

Includes scheduled.	
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

ASLA-Fulbright Graduate Grant	2021
For completing a doctoral degree in the U.S., \$25,000 (declined)	
Foundation for Economic Education	2021
Co-applicant for research funding, €18,000	

COMPUTER SKILLS

Python (including multiple data science related libraries), Stata, MS Office, \LaTeX

LANGUAGES

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

OTHER

Finnish Economic Association Member	Helsinki, Finland 2022 - Present
Aalto Economics Student Organization Vice President	Espoo, Finland 2020 - 2021
The Finnish Defence Forces Conscript (compulsory one-year military service)	Helsinki, Finland 2016 - 2017