

JOHANNES HIRVONEN

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EDUCATION

Aalto University Espoo, Finland
Ph.D. in Economics 2022 - Present

Fields: Industrial Organization, Labor Economics, Microeconomic Theory

Aalto University Espoo, Finland
M.Sc. in Economics (with distinction) 2019 - 2021

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

Aalto University Espoo, Finland
B.Sc. in Economics (with distinction) 2015 - 2019

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

University of Helsinki Helsinki, Finland
Non-degree studies in Mathematics 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, April 2022.

*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

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>	

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

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

COMPUTER SKILLS

Python (including multiple data science related libraries), Stata, 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