

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 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

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|--|-------------------------------------|
| 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

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| 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

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|---|------|
| 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

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|---|-------------------------------------|
| 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 |