

# JOHANNES HIRVONEN

johannes.hirvonen@aalto.fi ♦ [Website](#) ♦ [Google Scholar](#)

## 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 presentations (incl. scheduled): 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

---

<b>Etla Economic Research</b> Researcher	Helsinki, Finland 2022 - Present
<ul style="list-style-type: none"><li>• Research on topics around firm innovation and resilience</li></ul>	
<b>Etla Economic Research</b> Research Trainee	Helsinki, Finland 2019 - 2021
<ul style="list-style-type: none"><li>• Research on the effects of new technologies on skill demand and employment</li></ul>	
<b>Aalto University</b> Research Assistant for Professor Otto Toivanen	Espoo, Finland 2019
<ul style="list-style-type: none"><li>• Research on pharmaceutical market competition in the Nordic countries</li></ul>	
<b>Aalto University</b> 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 Employment and the Economy of Finland	2022
EUROFRAME	2022
Etla Economic Research Seminar Series	2021

## GRANT AND AWARDS

---

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

## COMPUTER SKILLS

---

Python (including multiple data science related libraries), Stata, MS Office,  $\text{\LaTeX}$

## LANGUAGES

---

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

## OTHER

---

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