

# JOHANNES HIRVONEN

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## EDUCATION

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### 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

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### 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

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### 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

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### 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

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

## PRESENTATIONS

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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

## GRANTS AND AWARDS

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Foundation for Economic Education	2021, 2024
Northwestern University Fellowship	2023
Employee Foundation (Palkansaajasäätiö)	2023
Yrjö Jahnsson Foundation	2023
HSE Support Foundation	2022
Fulbright Scholarship	2021

## COMPUTER SKILLS

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Python, Stata, C, Java, Git

## LANGUAGES

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

## OTHER

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<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