

# MAKSYM KHOMENKO

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## EXPERIENCE

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- Financial Supervisory Authority, Economist** 09/2019 - present  
· Economist and Model Expert at Swedish Financial Supervisory Authority
- Stanford University, Research Scholar** 08/2017 - 06/2018  
· Visiting Research Scholar at Stanford Institute for Economic Policy Research
- International Labour Organisation, Consultant** 03/2016 - 05/2017  
· Consulted ILO Small and Medium Enterprises department regarding implementation and evaluation of the project aimed at improving business environment in Mexico, Costa Rica and Uruguay
- University of Gothenburg, Lecturer, Teaching Assistant & Thesis Advisor** 01/2015 - 12/2018  
· Industrial Organization (Grad.), Research Methods (Grad.), Econometrics (Undergrad.), Thesis Advisor (7 students)

## EDUCATION

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- University of Gothenburg** 09/2014 - 07/2019  
PhD Economics
- Stanford University** 08/2017 - 06/2018  
Visiting PhD Researcher in Economics
- University of Oxford** 12/2015 - 03/2016  
Visiting PhD Researcher in Economics
- University of Warwick** 09/2012 - 06/2014  
MSc Economic Development and Growth, joint with Lund University
- Kharkiv National University of Economics** 09/2007 - 05/2012  
MSc, BSc Mathematical Economics

## HONORS AND AWARDS

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- Nordic Research Council Grant, 51 000 SEK 2019
- Wallander Fellowship, USD 172 000, nominated by Stockholm University 2019
- Åförsk Grant, USD 3 000 2018
- Siamon Stiftelsen Grant, USD 2 000 2018
- Handelsbanken Grant, USD 36 000 2017
- Donationsnämnden Grant, USD 2 000 2017
- Nordic Research Council Grant, USD 6 000 2016
- Adlerbertska Grant, USD 2 000 2016
- Erasmus Mundus Scholarship, EUR 48 000 2012

## WORKING PAPERS

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- Private Information and Design of Unemployment Insurance
- Behavioral Responses and Design of Bequest Taxation, *with Simon Schürz*
- Determinants of University Competition and Student Demand in Higher Education: Evidence from Australia, *with Natalie Bachas*

## CURRENT RESEARCH

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Temporal Difference Reinforcement Learning for Estimation of Dynamic Games  
Behavioral Responses and Design of Wealth Taxation  
Labor Markets, Individual Preferences and Housing Market Equilibria  
Patent Regulations and Destruction of Innovations  
Determinants of Private Investment Decisions  
The Effect of Behavioral Biases, Learning and Advisory in Investment Decisions  
Long-Term Effects of Earned Income Tax Credit Program: Evidence from Sweden

## PRESENTATIONS

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Econometric Society Winter Meeting; Stanford University (Economics); Ratio	2018
Stanford University (Economics); University of Chicago (Price Theory Camp)	2017
University of Chicago (HCEO)	2016

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, R, Julia, Matlab, C/C++, TensorFlow
<b>Analytical Skills</b>	Machine Learning, Deep Learning, Causal Inference, Reinforcement Learning, Econometrics, Natural Language Processing, Data Visualization
<b>Analytics Tools</b>	Stata, SQL, Pandas, Numpy, Sklearn, Keras, Tableau, Jupyter, Hive, Spark, ArcGIS
<b>Other Software &amp; Tools</b>	LaTeX, Git, Hadoop

## LANGUAGES

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English – *fluent*;      Russian – *native*;      Ukrainian – *native*;      Swedish – *working proficiency*

## REFERENCES

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Mikael Lindahl, *Professor, University of Gothenburg*  
Aico van Vuuren, *Professor, University of Gothenburg*  
Oleksandr Shcherbakov, *Principal Researcher, Bank of Canada*  
Randi Hjalmarsson, *Professor, University of Gothenburg*  
Liran Einav, *Professor, Stanford University*  
Mario Berrios, *Specialist, International Labour Organization*