Lina Lukyantseva
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I am a third year PhD student in economics at Stanford GSB. My research interests are on the intersection of economics and computer science. This is why I am also completing a PhD minor in computer science focusing on machine learning. Some of the relevant coursework I've done: machine learning and causal inference, machine learning, reinforcement learning, mining massive datasets, probabilistic graphical models, algorithms analysis.

In my current research I study how equilibrium consideration can improve reinforcement learning algorithms when multiple agents interact in strategic environments. Recently, I've become interested in working on interpretable machine learning as well. I'm looking forward to the opportunity to learn more about the economics of artificial intelligence during the workshop!

LINA LUKYANTSEVA

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EDUCATION

Stanford Graduate School of Business 2018 - now
Economic Analysis & Policy *Stanford, USA*
third year PhD student
PhD minor in Computer Science

New Economic School (NES) and Higher School of Economics (HSE) 2014 - 2018
joint program Bachelor of Arts in Economics *Moscow, Russia*
GPA 4.9/5.0
Thesis: "Moody choice with the possibility of abstention"
Advisors: Konstantin Sonin (University of Chicago; HSE)
Levent Ülkü (ITAM)

ITAM Fall 2016, Spring 2017
visiting student *Mexico City, Mexico*
GPA 9.8/10.0

Gymnasium 1 (High School) 2007-2014
enhanced education in mathematics and physics *Novosibirsk, Russia*
Gold Medal Graduate
Honour for outstanding performance

RESEARCH INTERESTS

- Reinforcement learning in environments with strategic interaction
- Algorithmic game theory
- Interpretable machine learning
- Alternative data markets
- Regulation of insider trading

WORKING PAPERS

Alternative data market regulation: navigating the fine line between finding alpha and insider trading.

ACADEMIC EXPERIENCE

Stanford Graduate School of Business Fall 2020
Research Assistant to Professor Claudia Robles Garcia and Professor Greg Buchak

- Analyzing financial data on small businesses to predict their loan behavior

Stanford Graduate School of Business Winter 2021
Teaching Assistant to Professor Michael Ostrovsky in MBA course Smart Pricing

- guiding students' projects on pricing strategies for start-ups
- providing on demand consultations for MBA students

ITAM Fall 2016, Spring 2017
Research Assistant to Professor Romans Pancs

· solving end-of-chapter problems for the book
"Lectures on Microeconomics: The Big Questions Approach" (MIT Press, 2018)

Higher School of Economics (HSE) Fall 2015
Teaching Assistant to Professor Dmitry Dagaev in course Game Theory

· providing weekly consultations for students
· grading homeworks and exams

"I Love Economics" Summer School Summer 2017
Instructor

· giving lectures and seminars to high school students

HONOURS AND AWARDS

"Alfa-chance" Scholarship 2014-2015
One of twenty winners out of 500 participants in Moscow

the largest private scolarship for the best undergraduate students in Russia (sponsored by Alfa-Bank)

National Olympiad in Economics 2014
Winner, top-4 in the linear ranking

the most prestigious economics competition for high school students in Russia,
10000 participants from all over Russia at the first stage, 300 participants at the final stage

SKILLS

Languages	Russian (native), English (TOEFL 108), French (DELF B2), Spanish (conversational proficiency)
Software & Tools	Python, R, Stata, LaTeX, MS Office

EXTRACURRICULAR ACTIVITIES

Volunteering project by AIESEC June 2015
Volunteer *Genoa, Italy*

· teaching English to the children from economically challenged families

Volunteering project by the French Ministry of Culture July 2015
Volunteer *Marseille, France*

· reconstructing a medieval church

Debate Cups (Cup of Siberia, NSU Debate Cup, etc) 2014-2016
Winner *Novosibirsk, Moscow, Russia*