

Aleksandr Popov

alexpoov99@gmail.com | +7 (960) 255 27 70

EDUCATION

HIGHER SCHOOL OF ECONOMICS

MASTER: HUMAN COMPUTER INTERACTION

Expected June 2023

Saint Petersburg, Russia

User Centred Design, Modern Methods of Data Analysis, Cognitive Psychology, Analytical Systems Architecture.

HIGHER SCHOOL OF ECONOMICS

MAJOR: BA IN ECONOMICS

MINOR: DATA SCIENCE

September 2017 - June 2021

Saint Petersburg, Russia

Microeconomics, Advanced Calculus, Linear Algebra, Probabilistic Theory, Games Theory, Behavioural Economics, Digital Economics.

PHYSICAL-MATHEMATICAL LYCEUM 470

Graduated June 2017 |

Saint-Petersburg, Russia

LINKS

Github:// [alexpoov](#)

Telegram:// [alexpoov](#)

LinkedIn:// [alexpoov](#)

COURSEWORK

GRADUATE WORK

Probabilistic Modelling of

Programming Technologies Stacks

Market Demand

SKILLS

PROGRAMMING

Over 5000 lines:

R • Python • Tableau • MS Office

Familiar:

SQL • \LaTeX • MatLab • Stata • Maple

EXPERIENCE

HIGHER SCHOOL OF ECONOMICS | TEACHER

DATA SCIENCE MINOR

since September 2021 | Saint Petersburg, Russia

HIGHER SCHOOL OF ECONOMICS | TEACHING ASSISTANT

DATA SCIENCE MINOR

September 2019 - June 2021 | Saint-Petersburg, Russia

SPORTSDATA | DATA SCOUT

ince November 2019 | Saint-Petersburg, Russia

SAINT-PETERSBURG TELECOM | INTERN

DATA USAGE DEPARTMENT

March 2021 - May 2021 | Saint-Petersburg, Russia

RESEARCH

MACHINE LEARNING AND SOCIAL COMPUTING RESEARCH GROUP | STUDENT

Since January 2020 | Saint-Petersburg, Russia

The activity of our group is directed towards developing machine learning and network science methods in social computing settings, employed to analyze data from various Social Network sites and other online platforms, where we can observe social interaction between individuals.

PROBABILISTIC MODELLING OF PROGRAMMING TECHNOLOGIES STACKS MARKET DEMAND

June 2021 | Thesis

The goal of this research is to propose a probabilistic modelling way for evaluating IT stacks demand in business. The solution will be demonstrated on ML methods: the gaps in ML-business relationships were clarified and a simulator based on decision networks (an extension of Bayesian networks) with applying Expected Utilities framework was proposed. The workflow of the simulator will be constructed on ML classification prediction tasks and will be demonstrated as a 'what-if' analysis of various scenarios of the tasks posed by the business decision-making agents.