Aleksandr Popov

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EDUCATION

HIGHER SCHOOL OF ECONOMICS

MSc: Information Systems and HCI
Expected June 2023
Saint Petersburg, Russia
Analytical Systems Architecture, Human-centered Design and Prototyping, Modern Methods of Data Analysis, Modern Methods of Decision Making, Management of IT Projects.

HIGHER SCHOOL OF ECONOMICS

Major: BSc in Economics
Minor: Data Science
September 2017 - June 2021
Saint Petersburg, Russia
Linear Algebra, Advanced Calculus, Econometrics, Probabilistic Theory, Games Theory, Behavioural Economics, Statistics, Microeconomics, Digital Economics.

PHYSICAL-MATHEMATICAL LYCEUM 470

Graduated June 2017 |
Saint-Petersburg, Russia

LINKS

Personal site:// **alexpoov**
LinkedIn:// **alexpoov**
Github:// **alexpoov**
Telegram:// **alexpoov**

SKILLS

PROGRAMMING

Skilled:
R • Python • SQL • Git • Tableau
Familiar:
JavaScript • LaTeX• MatLab • Stata

DESIGN

Skilled:
Figma • HTML/CSS
Familiar:
UCD • Adobe CC

EXPERIENCE

HIGHER SCHOOL OF ECONOMICS | Guest Lecturer

Data Science minor, Python for Social Sciences
since September 2021 | Saint Petersburg, Russia

SAINT-PETERSBURG TELECOM | Intern

Data Usage Department
March 2021 - May 2021 | Saint-Petersburg, Russia

HIGHER SCHOOL OF ECONOMICS | Teaching Assistant

Data Science minor
September 2019 - June 2021 | Saint-Petersburg, Russia

SPORTRADAR AG | Data Scout

since November 2019

RESEARCH

IMPLEMENTATION OF PROBABILISTIC COMPUTING MODELS IN USER MEDIA CONSUMPTION

June 2022 | M.Sc. Term Paper
This work represents a review of implementations of probabilistic modelling approaches in recommender system research. Particular attention was paid to multimedia services with repeated useritem interactional data. Having considered different classifications of recommender systems and options for applying probabilistic modelling in model-based collaborative filtering models, the most pressing and promising topics were discussed for subsequent practical research.

PROBABILISTIC MODELLING OF PROGRAMMING TECHNOLOGIES STACKS MARKET DEMAND

June 2021 | Bachelor's 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.

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.