

Aleksandr Popov

aleksandr.popov@uib.no | alexpoov99@gmail.com | +47 921 70 427

EDUCATION

PHD IN INFORMATICS

UNIVERSITY OF BERGEN

Since January 2024

Bergen, Norway

MSC IN INFSYS AND HCI

HIGHER SCHOOL OF ECONOMICS

September 2021 - July 2023

Saint Petersburg, Russia

BSC IN ECONOMICS

+ DATA SCIENCE

HIGHER SCHOOL OF ECONOMICS

September 2017 - July 2021

Saint Petersburg, Russia

LINKS

Personal site:// [alexpoov](#)

Google Scholar:// [A. Popov](#)

Github:// [alexpoov](#)

LinkedIn:// [alexpoov](#)

EXPERIENCE

TEACHING ASSISTANT | INTRODUCTION TO PROGRAMMING

Since August 2024 | University of Bergen

PHD RESEARCH FELLOW | DIDACTICS GROUP, INFORMATICS

Since January 2024 | University of Bergen

GUEST LECTURER | DATA SCIENCE & PYTHON FOR SOCIAL SCIENCES

September 2021 - December 2023 | Higher School of Economics

ANALYST | LABORATORY OF SOCIOLOGY IN EDUCATION AND SCIENCE

October 2022 - December 2022 | Higher School of Economics

TEACHING ASSISTANT | DATA SCIENCE MINOR

September 2019 - June 2021 | Higher School of Economics

RESEARCH

GENDER GAPS IN CS1 EXAMS: THE ROLE OF BIASED QUESTION FRAMING

July 2026 | ITiCSE'26 full paper

Gendered programming question framings in CS1 exams amplify the gender performance gap. Two experiments show that a fully masculine exam widens the gap, while blending masculine and feminine framings eliminates it. Consistent framing bias across a whole exam – not individual tasks – were found to drive exclusion.

FUNDAMENTALS OF NORWEGIAN CS1

November 2024 | NIKT UDIT '24

This study identifies the fundamental concepts taught in Norwegian CS1 courses through a triangulation approach, combining input from educators, exam analysis, and student surveys. Our findings highlight key concepts while revealing discrepancies with previous studies.

SIMULATING ELECTION VOTES

March 2024 | SIGCSE TS 2024 Nifty Assignment poster

The assignment was designed as part of the 'Basics of Programming in Python' course for undergraduate political science students, and seeks a connection between subjects of political science major and concepts of computer science.

IMPROVING EDUCATIONAL CHOICE THROUGH BEHAVIOURAL INTERVENTIONS: AN EXPERIMENTAL APPROACH

June 2023 | Master's Thesis

An experimental approach to connect learning analytics and learning design within the concept of educational behavioural interventions.

MOTIVATION AND PRACTICES OF TEACHING COMPUTATIONAL SOCIAL SCIENCE TO UNDERGRADUATE POLITICAL SCIENCE STUDENTS

March 2023 | SIGCSE TS 2023 poster

Course design considerations and findings in assignment design for CS0 and CS1 courses for social science students.