Artem Serdyuk

PhD Student in Sociology | Agent-Based Modeling Researcher

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Education

PhD Student in Sociology (2022-Present) – *National University of Kyiv-Mohyla Academy, Kyiv, Ukraine*

Thesis: "Mechanism of Organizational Adaptation to a Full-scale russian Invasion of Ukraine" (Scientific Advisor – dr. Olena G. Pugachova)

BA in Economics (2006-2007) – *Zhytomyr State Technological University, Ukraine*

Master of Science in Software Engineering (1996-2001) – *Zhytomyr State Technological University, Ukraine, Graduated with Honors*

Professional Experience

Education Program Manager (2016-2022) – *Zhytomyr State Polytechnic University, Zhytomyr, Ukraine*

- Developed curriculum for "Management in ICT" Masters program working with industry representatives
- Coordinated international partnerships with Technical University of Rotterdam, arranging several joint projects.
- Engaged professionals from IT industry to teach courses and set up training projects.
- Engaged volunteers from PMI Ukraine Chapter to teach project management courses.
- 50+ graduates across 5 seasons, most now working in management positions in local and global IT companies.

Lecturer (2014-Present) *– Kyiv-Mohyla Business School, Kyiv, Ukraine*

- Kyiv-Mohyla Business School is one of the oldest and most popular business schools in Ukraine, focusing on changing the world and companies through changing mindset of their leaders.
- Developed and taught educational programs on "Project management for creative teams: Agile in action" and "Teal company: from Agile to Holacracy"

- 200+ students across 6 seasons

Management Consultant (2006-Present)
ISM Ukraine (International IT Company Group)

- Implemented Scrum at scale in e-learning and e-commerce product development companies (2008, 2011)
- Guided Kanban implementation on team and portfolio level for service companies (2017)
- Established project managers development program for all group companies, resulting in successful PMP certifications and significant rise in project management maturity (2019)
- Led strategic planning sessions resulting in 20% capacity growth (2021)
- Implemented project-based approach in group's HR department (2021)

Volunteer Activities

Volunteer Coordinator (February-July 2022) – *Zhytomyr Volunteer Hub (post.zt.ua), Zhytomyr, Ukraine*

- Organized and automated volunteer coordination systems during wartime
- Applied systems thinking to humanitarian logistics.

Ambassador (August 2023-Present) – *[Angry Corgi Foundation](#), Ukraine*

- Charitable organization providing computer equipment to Ukrainian Air Defense forces.
- Gather funds and coordinate efforts between IT companies and air defense units.

Organizational and Scientific Advisor (2017-Present) – *[Revival Institute for Future](#), Ukraine*

- Institute specializes in hi-load environments research: hospitals, combat situations, social services.
- Focus since 2022: mass casualty incidents preparedness for hospitals in Ukrainian frontline cities.

Technical Skills & Competencies

Programming & Analysis: NetLogo (1 year experience), R (data processing)
Research Methods: Agent-based modeling, systems analysis, qualitative research
Languages: Ukrainian (native), English (professional)
Specializations: Organizational development, crisis adaptation, veterans studies

Professional Development

Management Certifications:

- PMP Certified – PMI (2020)
- PMO Value Ring Certification - PMO Global Alliance (2021-2022)
- Sociocracy 3.0 Advanced Course - Learn S3 (2019)
- Kanban System Design + System Improvement - Kanban University (2016)
- Holacracy Advanced Course - HolacracyOne (2016)

ABM-Specific Courses:

- [Introduction to Agent-Based Modeling with NetLogo](#) (2024) – Coursera
- [Introduction to ABM](#) (2025, in progress) – Complexity Explorer
- Social Systems Simulation with NetLogo (2024) – National University of Kyiv-Mohyla Academy, 3 ECTS credits