

Sergii Sharov is a Candidate of Pedagogics, Associate Professor, Head of the Department of Computer Science at Dmytro Motornyi Tavria State Agrotechnological University. In 2015, he received a Master's degree in Computer Science and got a qualification of a higher education computer science teacher. In 2023, he graduated with a Master's degree in Computer Science. He has teaching experience in topics of algorithmisation and programming, databases, and design of information systems.

He has an active public position and is a co-founder of the Innovative Horizons of Ukraine NGO, the main goal of the organisation is to protect the scientific, social, cultural and educational interests of the organisation's members. He has repeatedly been a speaker at webinars, advanced training courses, and online schools related to the development of digital skills. He is the administrator of the official website of the Innovative Horizons of Ukraine NGO. Since 2020, he has been an expert of the National Agency for Higher Education Quality Assurance in the areas of 014 Secondary Education (Computer Science) and 122 Computer Science. Since 2021, he has been an expert of the National Qualifications Agency for the accreditation of qualification centres.

Skills:

General skills: project management skills, team work skills, communication skills.

Computer application skills: Word processing and spreadsheets (MS Word and MS Excel), Presentation software (Power Point, Canva), LMS (Moodle), Database (Access, MySQL), Internet Software (Google Chrome, Opera), Graphic editor (Photoshop).

Professional development:

2023

1. International distance internship «FDP on Concepts, Applications, Trends and Commercialization of IoT» (Amity University Kolkata, Kolkata, India), 17-21 July, 2023.

2. Advanced training of the expert of the National Agency for Quality Assurance in Higher Education on Writing a report on the results of accreditation examination. Date: 14 December 2022. Certificate No. 613/2023(278). Duration: 30 hours.

3. Professional development course "IT tools for teachers" (GlobalLogic Education). Dates: 04 July, 2023 -03 August 2023. Duration: 18 hours.

4. Professional development course "Transforming science into business: opportunities for commercialisation" (UINTEI). Dates: 04 October 2023 -15 November 2023, Certificate No. UINTEI - 220305. Duration: 19 hours.

2022

1. Professional development course "I choose Ukrainian! 10 steps to victory", Innovative Horizons of Ukraine public organisation. Dates: December 11-17, 2022. Certificate No. IIK 002-000245/2022. Duration: 30 hours.

2021

1. International distance internship «Five Days FDP on Achieving Excellence in Teaching, Research and Commercialization», (Amity University Kolkata, Kolkata, India), 19-23 July, 2021.

2. Advanced training of an expert of the National Agency for Quality Assurance in Higher Education for heads of expert groups. Dates: 28 May 2021, Certificate No. 0285/2021(174). Duration: 30 hours.

3. Professional development course "Use of information systems in the educational process", National University of Life and Environmental Sciences of Ukraine. Scientific and Educational Institute of Continuing Education and Tourism. Dates: (27 September - 08 October, 2021). Certificate No. CC00493706/014667-21. Duration: 30 hours.

2020

1. Advanced training courses "Training of educational experts on institutional audit" (Zaporizhzhia Regional Institute of Postgraduate Pedagogical Education). Dates: 02-12 June (remotely), 25 August (in-person) 2020. Certificate No. 02136146-0001134/2020. Duration: 45 hours.

Participation in international projects:

On October 7-9, 2019, as part of the international project "Study and Distinguish: Infomedia Literacy (a component for higher education and Platform of Institutes of Postgraduate Pedagogical Education)" of the Council for International Scientific Research and Exchange (IREX), he participated in the educational symposium "The role of education in the era of misinformation and technological progress".

Main scientific publications:

Experience in teaching, and scientific research in the Higher Education System is 19 years. The author has more than 240 scientific papers, including 15 articles indexed in Scopus, 30 educational and methodological textbooks, 45 copyright certificates.

Scientific interests are focused on:

- Application of information and communication technologies in higher education.
- Application of Massive open online courses in nonformal education.
- Visual programming, databases.
- Development of social competence of future specialists.

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Google Scholar: <https://scholar.google.co.in/citations?user=TOufrkEAAAAJ>

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=57214332731>

Web of Science ID: <https://www.webofscience.com/wos/author/record/1763784>

Publications:

1. **Sharov S.**, Tereshchuk S., Tereshchuk A., Kolmakova V., Yankova N. (2023). Using MOOC to Learn the Python Programming Language. *International Journal of Emerging Technologies in Learning (iJET)*. 18(2). 17-23. Doi: <https://doi.org/10.3991/ijet.v18i02.36431>. Scopus
2. Sharova T., Zemlianska A., **Sharov S.**, Prosiankina-Zharova T., Kavun L. (2023). Independent evaluation of learning outcomes as a tool of the internal quality assurance

system. *TEM Journal*. 12(2). 700-709. Doi: <https://doi.org/10.18421/TEM122-13>. Scopus

3. **Sharov S.**, Pavlenko A., Sharova T., Chorna J. Analysis of developers of online courses on Ukrainian platforms of MOOC. *International Journal of Emerging Technologies in Learning*, Vol. 16, No. 05, 2021, 201-213. Doi: <https://doi.org/10.3991/ijet.v16i05.18581>. Scopus
4. Chemerys H., Demirbilek M., Bryantseva H., **Sharov S.**, Podplota S. (2022). Fundamentals of UX/UI design in professional preparation of the future bachelor of computer science. *AIP Conference Proceedings*. 2022. Vol. 2453, 030025. Doi: <https://doi.org/10.1063/5.0094433>. Scopus
5. **Sharov S.**, Lubko D., Lomeiko O., Chemerys H. (2021). Information System for the Formation of Students' Individual Educational Trajectory. *Proceedings of the 1st International Conference on Education, Humanities, Health and Agriculture, ICEHHA 2021*, 3-4 June 2021, Ruteng, Flores, Indonesia. Doi: <http://dx.doi.org/10.4108/eai.3-6-2021.2311038>.
6. **Sharov S.**, Rassokha I. (2022). Features of using web 2.0 technology in the educational process. *Bulletin of the Cherkasy National University named after Bohdan Khmelnytskyi. Series: Pedagogical sciences*. 3. 26–33. Doi: <https://doi.org/10.31651/2524-2660-2022-3-26-33>.