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PROFESSIONAL AND ACADEMIC POSITIONS:

2017 to current   Ass. Prof of the Department of Software Engineering and Management Intelligent Technologies (before 2022 – Department of Software Engineering and Management Information Technologies), Educational and Scientific Institute of Computer Science and Information Technologies (before 2022 – Faculty of Computer Science and Software Engineering), National Technical University "Kharkiv Polytechnic Institute";

2016-2017   Senior lecturer of the Department of Software Engineering and Management Information Technology, National Technical University "Kharkiv Polytechnic Institute";

2009 – 2016   Assistant Professor of the Department of Economic Analysis and Accounting of the economic faculty National Technical University "Kharkiv Polytechnic Institute.

EDUCATION:

Ph.D. (mathematical modeling) (August, 2016) National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine
Specialization: Information Technology

Master's Degree (Information Management Systems and Technologies) (June, 2009) National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine
Concentrations: Information Management Systems Analyst

COURSES TAUGHT

Extensive teaching at all university levels: Bachelor/Master:
  - Cloud Computing (Master), (in English and Ukrainian),
  - Introduction to DevOps (Master), (in English and Ukrainian),
  - Distributed and parallel calculations (Master), (in English and Ukrainian).
  .

FIELDS OF RESEARCH INTEREST:

  - Information Systems,
  - Agent-based modeling,
  - Cloud technology;

- Web development,
- Information Security,
- DevOps.

SUMMARY OF CAREER ACHIEVEMENTS

- Prepared and published more than 20 publications. (Google Scholar https://scholar.google.ru/citations?user=abnCoewAAAAJ&hl=ru&oi=ao; ORCID ID is https://orcid.org/0000-0003-0162-159X

PROFESSIONAL MEMBERSHIPS:

- Full member of the public organization "Ukrainian Scientific and Educational IT Society", Certificate № 20-00074 FS.

RELATED PUBLICATIONS

Papers

- Olga Cherednichenko, Olga Kanishcheva, Olena Yakovleva, Denis Arkatov. The Technology of Short-Term Planning for Resolving the Problems with High Level of Uncertainty on an Enterprise / Olga Cherednichenko, Olga Kanishcheva, Olena Yakovleva, Denis Arkatov // Proceedings of the 4th International Conference on Computational Linguistics and Intelligent Systems (COLINS 2020). Volume I: Main Conference. Lviv, Ukraine, April 23-24, 2020.–P. 272-282 http://ceur-ws.org/Vol-2604/paper21.pdf

- Yanholenko O., Cherednichenko O., Yakovleva O., Denis Arkatov A Model for Estimating the Security Level of Mobile Applications: a Fuzzy Logic Approach / Olha Yanholenko, Olga Cherednichenko, Olena Yakovleva, Denis Arkatov // Proceedings of the 1st International Workshop on Intelligent Information Technologies & Systems of Information Security. Volume I: Main Conference. Khmelnytskyi, Ukraine, June 10-12, 2020.– P. 252-266 http://ceur-ws.org/Vol-2623/paper22.pdf

- Arkatov D. B. A data transfer model of computer-aided vehicle traffic coordination system for the rail transport in Ukraine / D. B. Arkatov // Proceedings of the 9th International Conference on ICT in Education, Research and Industrial Applications: Integration, Harmonization and Knowledge Transfer (ICTERI 2013), Kherson, Ukraine, June 19-22, 2013. – pp. 178–186.