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PROFESSIONAL AND ACADEMIC POSITIONS:

- 2021 – now Associate professor of 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".
- 2019-2021 Part-time Associate professor of combat use and operation of ACS department, Kharkiv National Air Force University named after Ivan Kozhedub).
- 2014 – 2021 Associate professor of department of software engineering and management information technology, National technical university "Kharkiv polytechnic institute".
- 2012 (Aug) – 2013 (Nov) Manager of credit card business, CB PRIVATBANK, Kharkiv.
- 2011 (Dec)– 2012 (June) Sales Manager, Kharkiv electrotechnical factory “Energomera”.
- 2011 (June) – 2010 (Nov) Employee of call-center, Kharkiv.
- 2000 – 2010 Part-time Employee (Senior lecturer, associate professor) of system information department, National technical university "Kharkiv polytechnic institute".
- 2007 – 2011 (Feb) Senior researcher of the research department (Air Force action modeling) of the Air Force Research Center, Kharkiv Air Force University.
- 2005 – 2007 Deputy Head of the Automated Control Systems Faculty in study work, Kharkiv Air Force University.
- 2004 – 2005 Associate professor of combat use and operation of ACS, Kharkiv Air Force University.
- 2003 – 2004 Associate professor of automated control systems department, Kharkiv military university.
- 2000 – 2003 Senior lecturer of automated control systems department, Kharkiv military university.
- 1998 – 2000 lecturer of automated control systems department, Kharkiv military university.
- 1995 – 1998 Adjunct of automated control systems department, Kharkiv military university.
- 1994 – 1995 Engineer of information center, Vinnitsa, Military Forces of Ukraine.

EDUCATION:

Ph.D. (Technical) (November, 1999) Kharkiv military university, Kharkiv, Ukraine.

Specialty: 20.02.12 - Military cybernetics, computer science, systems analysis, operations research.

Specialist Degree (Automated control systems, 5 years, Honors Diploma and Gold Medal) (June, 1994)
Kharkiv military university (by program Kharkov Higher Military Command and Engineering
School of Rocket Forces named after N.I. Krylov), Kharkiv, Ukraine.

Specialty: automated control systems.

Qualifications: engineer-mathematician.

COURSES TAUGHT:

- Architecture and Design of Software (Part 1) (in Ukrainian/English);
- Architecture and Design of Software (Part 2) (in Ukrainian/English);
- WEB-applications on Java (in Ukrainian/English);
- Project workshop (in Ukrainian/English).

FIELDS OF RESEARCH INTEREST:

- automation of the daily activities of the department in the field of organizing the educational process;
- agile model of representation domain for information and decision making support systems;
- organization of design and development of information systems.

SUMMARY OF CAREER ACHIEVEMENTS

- Prepared and published more than 40 publications, 2 papers, indexed in Scopus, co-author of 2 textbooks, 3 methodical guidelines for labs (h-index = 3, i10-index = 0 in Google Scholar – https://scholar.google.com.ua/citations?hl=ru&user=OAzyFg8AAAAJ&view_op=list_works&sort=pubdate ; ORCID ID – <https://orcid.org/0000-0002-3361-3212> ; Researcher ID – E-8279-2019; Scopus Author ID – 57211294555.
- Took part in 2 experimental design works in the interests of the Ministry of Defense of Ukraine. The results of the work are currently being used by the combat units of the Armed Forces of Ukraine.

PROFESSIONAL MEMBERSHIPS:

- Full member of the public organization "Ukrainian Scientific and Educational IT Society", Certificate № 19-00053 FS.

RELATED PUBLICATIONS

Papers

- V. Tverdokhlib, K. Zakomorna, D. Dvukhglavov, O. Oleksin, D. Zhuikov and V. Kryvonos, "Technology Increasing Capacity Protected Channel Delivery Video Data Telecommunication Systems Critical Infrastructure," 2021 IEEE 3rd International Conference on Advanced Trends in Information Theory (ATIT), Kyiv, Ukraine, 2021, pp. 57-60. DOI:10.1109/ATIT54053.2021.9678736.
- An Approache to implementation of frames compression based on the three-dimensional bit representation. Barannik, Valeriy; Korchenko, Oleksandr; Dvukhglavov, Dmytro; Gurzhiy, Pavlo; Gancarczyk, Joanna. International Multidisciplinary Scientific GeoConference: SGEM; Sofia; Vol. 19, Ed. 2.1. – 2019. – PP.67-74. DOI:10.5593/sgem2019/2.1/S07.009.

- Двухглавов, Д., Безменов, М., Шматко, О., Двухглавова, А., Корховий, Д., & Черкун, М. (2022). Формалізація процесу підготовки плану навчального навантаження викладачів кафедри закладу вищої освіти [Formalization of the process of preparation of the study load plan of teachers of the department of the higher education institution]. Вісник Національного технічного університету «ХПІ». Серія: Системний аналіз, управління та інформаційні технології = Bulletin of NTU "KhPI". Series: System analysis, control and information technology, (1 (7)), 35–45. <https://doi.org/10.20998/2079-0023.2022.01.06>
- Dvukhhlavov D. E. Development of a database structure for storing models for determined alphabets classes recognition based on the set of heterogeneous characteristic / D. E Dvukhhlavov, T. O. Riabukha // Вісник Національного технічного університету "ХПІ". Сер. : Системний аналіз, управління та інформаційні технології = Bulletin of NTU "KhPI". Series: System analysis, control and information technology: зб. наук. пр. – Харків : НТУ "ХПІ", 2019. – № 2. – С. 49-55. <http://repository.kpi.kharkov.ua/handle/KhPI-Press/42804>.
- Dvukhglavov D. E. Development of the model of a domain representation in the decision support systems / D. E. Dvukhglavov, A. V. Dolgorukov, S. R. Shovkoplias // Вісник Національного технічного університету "ХПІ". Сер. : Системний аналіз, управління та інформаційні технології = Bulletin of NTU "KhPI". Series: System analysis, control and information technology: зб. наук. пр. – Харків : НТУ "ХПІ", 2018. – № 44 (1320). – С. 72-76. <http://repository.kpi.kharkov.ua/handle/KhPI-Press/39558>.
- Dvukhglavov D. E. Development of software solution for building route of a orders group delivery in presence of time constraints / D. E. Dvukhglavov, V. E. Kulynych // Вісник Нац. техн. ун-ту "ХПІ" : зб. наук. пр. Сер. : Системний аналіз, управління та інформаційні технології = Bulletin of NTU "KhPI". Series: System analysis, control and information technology. – Харків : НТУ "ХПІ", 2017. – № 55 (1276). – С. 64-71. <http://repository.kpi.kharkov.ua/handle/KhPI-Press/34317>.

Conference materials

- Двухглавов Д.Е., Двухглавова А.С. IT-паспорт комп'ютерного класу [IT passport of the computer class] // Modern research in world science. Proceedings of the 5th International scientific and practical conference. SPC "Sci-conf.com.ua". Lviv, Ukraine. 2022. Pp. 185-190. URL: <https://sci-conf.com.ua/wp-content/uploads/2022/08/MODERN-RESEARCH-IN-WORLD-SCIENCE-7-9.08.2022.pdf>.
- Двухглавов Д.Е., Двухглавова А.С. Формалізоване представлення інформації про оснащення комп'ютерних класів [Formalized presentation of information about the equipment of computer classes] // Modern research in world science. Proceedings of the 4th International scientific and practical conference. SPC "Sci-conf.com.ua". Lviv, Ukraine. 2022. Pp. 237-243. URL: <https://sci-conf.com.ua/wp-content/uploads/2022/07/MODERN-RESEARCH-IN-WORLD-SCIENCE-10-12.07.22.pdf>.
- Двухглавов Д.Е., Двухглавова А.С. Розробка пропозицій щодо контролю вводу даних до баз даних у веб-застосунках [Development of suggestions for controlling data input to databases in web applications] // Modern research in world science. Proceedings of the 2nd International scientific and practical conference. SPC "Sci-conf.com.ua". Lviv, Ukraine. 2022. Pp. 434-441. URL: <https://sci-conf.com.ua/wp-content/uploads/2022/05/MODERN-RESEARCH-IN-WORLD-SCIENCE-15-17.05.22.pdf>.
- Двухглавов Д.Е., Двухглавова А.С., Корховий Д.С. Обґрунтування вимог до сумісності програмних компонентів систем автоматизації діяльності вищих навчальних закладів [Justification of the requirements for the compatibility of software components of the automation systems of higher educational institutions] // Topical issues of modern science, society and education. Proceedings of the 8th International scientific and practical conference. SPC "Sci-

conf.com.ua”. Kharkiv, Ukraine. 2022.
Pp. 254-260. URL: <https://sci-conf.com.ua/wp-content/uploads/2022/03/TOPICAL-ISSUES-OF-MODERN-SCIENCE-SOCIETY-AND-EDUCATION-26-28.02.22.pdf>.

- Dvukhhlavov D.E., Dvukhhlavova A.S., Morhunov D.O. Development of a model of the studyload calculation process by use Enterprise Architect // Topical issues of modern science, society and education. Proceedings of the 5th International scientific and practical conference. SPC “Sci-conf.com.ua”. Kharkiv, Ukraine. 2021. Pp. 387-393. URL: <https://sci-conf.com.ua/wp-content/uploads/2021/12/TOPICAL-ISSUES-OF-MODERN-SCIENCE-SOCIETY-AND-EDUCATION-28-30.11.21.pdf>.