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**PROFESSIONAL AND ACADEMIC POSITIONS:**

2015 to current Associate Professor, 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», Kharkiv, Ukraine

2020 – to current head of “Innovation Campus” Laboratory, National Technical University «Kharkiv Polytechnic Institute», Kharkiv, Ukraine

01.2017 - 09.2017 Co-founder, Product and Project Manager, First IT Company, Kharkiv, Ukraine

09.2009 - 12.2016 Co-founder, Project Manager, Lecturer, Academy Smart Ltd, Kharkiv, Ukraine

09.2008 - 08.2015 Senior Lecturer, Department of Software Engineering and Management Information Technologies, National Technical University «Kharkiv Polytechnic Institute», Kharkiv, Ukraine

10.2011 - 07.2014 Project Manager, bit media e-Learning solution GmbH, Klagenfurt, Austria - Graz, Austria - Kharkiv, Ukraine

10.2007 - 09.2011 Senior Developer, bit media e-Learning solution GmbH, Klagenfurt, Austria - Graz, Austria - Kharkiv, Ukraine

05.2002 – 07.2007 University Assistant, Alpen-Adria University Klagenfurt, Klagenfurt, Austria

09.2001 – 04.2002 Software Developer, COMMARDO mobile trading systems GmbH, Klagenfurt, Austria

10.2000 – 05.2001 Trainee, COMMARDO mobile trading systems GmbH, Klagenfurt, Austria

**EDUCATION:**

Ph.D. (Engineering Science) (February, 2016) V.N. Karazin Kharkiv National University, Kharkiv, Ukraine  
Specialization: information technology

Master’s Degree (Information management systems and technologies, 1 years, Honors Diploma) (July, 2001) National Technical University “Kharkiv Polytechnic Institute”, Kharkiv, Ukraine  
Concentrations: engineer - system analyst - researcher.

Bachelor's Degree (Accounting and Audit, 3 years) (June, 2018, Honors Diploma) National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine  
Concentrations: Bachelor Degree, Field of Study "Accounting and audit"

Bachelor's Degree (Computer Science, 4 years) (July, 2000, Honors Diploma) National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine  
Concentrations: Bachelor in Computer Science

### **COURSES TAUGHT**

Extensive teaching at university levels: Bachelor/Master:

- Development of corporate information systems (part 1 and part 2) (lectures and lab classes in Ukrainian and English at Bachelor level)
- Databases for corporate information systems (lectures and lab classes in Ukrainian and English at Bachelor level)

### **FIELDS OF RESEARCH INTEREST:**

- Learning Management Systems
- Life-long Learning
- Project Team e-Learning in IT-Industry

### **SUMMARY OF CAREER ACHIEVEMENTS**

- Prepared and published more than 25 research papers and textbooks (Google Scholar: <https://scholar.google.com.ua/citations?hl=ru&user=ShYWpZYAAAAAJ>; ORCID: <https://orcid.org/0000-0002-4689-3356>; Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57194776447>)

### **PROFESSIONAL MEMBERSHIPS:**

- Full member of the Public Organization "Ukrainian Scientific and Educational IT Society" (2019 to present, certificate №19-00022 FS), Ukraine
- Member of Ukrainian Association of IT Professionals board
- Vice-head of Ukrainian Association of IT Professionals IT in universities committee.

### **RELATED PUBLICATIONS**

#### **Papers**

- Sokol V. An Adaptive Algorithm for Effective Selection of Training Content for IT Professionals / V. Sokol, M. Bilova, A. Druzhyin, N. Cherkuna and I. Perepelytsia // Proceedings of the 5th International Conference on Computational Linguistics and Intelligent Systems (COLIN S 2021). Volume I: Main Conference. – p. 1173–1183. <http://ceur-ws.org/Vol-2870/paper85.pdf>
- Sokol V. An Approach to ICT Professionals' Skills Assessment based on European e-Competence Framework / V. Sokol, M. Tkachuk, M. Godlevskiy, M. Bilova, D. Studenikin // Proceedings of the 16th ICTERI Conference. Volume II: Workshops, Kharkiv, Ukraine, October 06-10, 2020, CEUR-WS.org, – P. 677–692. online <http://ceur-ws.org/Vol-2732/20200677.pdf>
- Sokol V. Y. Developing Adaptive Learning Management Application for Project Team in IT-Industry / V. Y. Sokol, S. V. Bronin, V. E. Karnaukh, M. O. Bilova // Bulletin of the National Technical University «KhPI». Series: System analysis, control and information technology. – 2020. – №1 (3). – P. 97–105. <http://repository.kpi.kharkov.ua/handle/KhPI-Press/47409>

- Sokol V. Y. Using Cloud Platforms To Build Distributed Learning Management Systems / V. Y. Sokol, P. Y. Saponov, M. O. Bilova // Bulletin of the National Technical University "KhPI". Series: System analysis, control and information technology. – № 2 (4) 2020. – С. 33–38.

<http://repository.kpi.kharkov.ua/handle/KhPI-Press/50287>

- Sokol V. Y. An Approach To Project Team Formation Using Task Management System / V. Y. Sokol, M. O. Bilova, V. O. Krykun // Science and Education a New Dimension. Natural and Technical Sciences. - VI(29), Issue 238, 2020 Sept. pp. 30-33 <https://journals.indexcopernicus.com/api/file/viewByFileId/1262128.pdf>
- Сокол В. Є. Типова функціональність, особливості застосування та впровадження систем управління знаннями в ІТ-компаніях / В. Є. Сокол, М. О. Білова, О. С. Космачов // Вісник національного університету «Львівська політехніка». Серія: Інформаційні системи та мережі. – 2020. – №8. – с. 45–54 <http://science.lpnu.ua/sites/default/files/journal-paper/2020/nov/22696/originalmaket2009751-47-56.pdf>
- Сокол В. Є. Класифікація, типова функціональність та особливості застосування систем електронного навчання та тренінгу персоналу в ІТ-компаніях / М. В. Ткачук, В. Є. Сокол, М. О. Білова, О. С. Космачов // Сучасні інформаційні системи. – 2018. – Т.2. – №4. – С. 87–95 <http://repository.kpi.kharkov.ua/handle/KhPI-Press/40553>
- Serhii Lilikovych, Volodymyr Sokol. A Human-Centered Approach to Assessment of Team Diversity in Multi-Version Software Development Proc. of ICTERI PhD - Symposium 2017, Kyiv, Ukraine, May 16-17, 2017, CEUR-WS.org, [CEUR-WS.org/Vol-1851/http://ceur-ws.org/Vol-1851/paper-3.pdf](http://ceur-ws.org/Vol-1851/paper-3.pdf)
- Khom, W. Communication, Management and Teambuilding Issues in Austrian-Ukrainian Outsourcing Project: 10 Years of Experience and Future Challenges / W. Khom, M. Tkachuk, V. Sokol, O. Kosmachev and V. Sokol // Heinrich C. Mayr, Martin Pinzger (Eds.): INFORMATIK 2016, Lecture Notes in Informatics (LNI), Vol. P-259: Kollen Druck+Verlag GmbH, Bonn, 2016. – pp. 103-110

#### Monography

Tkachuk, M. Towards an Efficient Usage of IT-Service Management Systems in Business Organizations: Knowledge-based Methods, Software Tools and Case-Study Results / Mykola Tkachuk, Vladyslav Sokol, Rustam Gamzayev, Volodymyr Sokol // Alptekin Erkollar (Ed.): Enterprise and Business Management. A Handbook for Educators, Consultants and Practitioners, Volume 2016/17: Tectum Verlag. - Printed in Germany, 2017. – pp. 249-292.

#### Laboratory workshop:

лабораторний практикум для студентів першого бакалаврського рівня з галузі знань 12 – «Інформаційні технології» за спеціальністю 122 – «Комп'ютерні науки та інформаційні технології», протокол № 6 від 07.07.2017 р