Svitlana Lavrenchuk
Ph.D. (technical sciences),
Associate Professor of Computer
Engineering and Cybersecurity

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Summary of Qualifications	I have 16 years of scientific and teaching experience.
	Courses (teaching experience):
	▪ Programming
	▪ Data structures and algorithms
	▪ Databases
	▪ Informatics
	Scientific interests are automated processing of documents; databases and algorithms for building information systems for various purposes.
	I am the author of 83 scientific works, including three monographs, 35 articles, 4 of which are indexed in Scopus. I am the author of more than 70 educational and methodical works, including 5 electronic teaching aids and 2 manuals.
	Opened for learning new technologies and practices.

Skills	Programming Languages/ Technologies	RDBMS
	▪ C/C++	▪ My SQL
	▪ Basics of /HTML/CSS	▪ MS ACCESS

Certification training	
2008	The school of pedagogical skills of young teachers "Teacher's pedagogical skills: theory and practice". Graduation thesis on the topic "Development of an electronic didactic complex on the topic: "Organization of databases"
2017	Scientific and methodological internship at the Department of Higher Mathematics and Informatics of Lesya Ukrainka East European National University
2018	Scientific and pedagogical internship at the technical university "Lublin Polytechnic" (Lublin, Poland, 02/19/2018-05/19/2018)
2018	Certificate of the English language knowledge at the B2 level (certificate №CEB2-213), conducted classes in English
2018	Cisco network academy certificate – CLA: Programming Essentials in C
2019	Certificate of associate professor of the department of computer engineering and cybersecurity
2019	Cisco network academy certificate – CPP: Advanced Programming in C++
2019	Cisco network academy certificate – Introduction to Cybersecurity
2020	Cisco network academy certificate – CCNA Cybersecurity Operations
2022	International advanced training (webinar) on the topic: "Interactive technologies of blended learning in educational institutions, based on European Union and Ukraine's experience" (August 22 to September 5, 2022, Lublin (Republic of Poland) (1.5 credits) 45 hours, certificate: Es№97126 dated September 5, 2022.
2022	Practical training.Net for teachers from SoftServe (Rivne, Ukraine), 120 hours (4 credits), TI № 008/2022.
2022	Training from the course "Tools for creating digital duplicates, programming controllers for Industry 4.0" (October 2022, 30 hours, certificate No. PC 05477296/000431-22).
2023	Improvement of the qualifications of employees of higher education institutions from the company Genesis "Creation and development of IT products" (from January 30, 2023 to February 10, 2023, 60 hours, certificate #017/02-2023).
2023	Cisco network academy certificate: Introduction to IoT

2023	Online course on the Udemy platform "Business Analysis Modeling Skills & Techniques"
2023	Online course on the Udemy platform «Fundamentals of Business Analysis»
2023	Completed advanced training (internship) at the private enterprise Profinteko from February 20, 2023 to May 22, 2023
2023	Instructor in the Cisco Networking Academy program (participant certificate dated 05/24/2023)
2023	Training "Flexible ways of improving the quality of higher education in times of change - FWIQHEC"
2023	Scientific and practical seminar "Digital technologies in educational and scientific research"
2023	Additional training program for accredited employees of higher education institutions from Genesis "Creation and development of IT products" (from September 22, 2023 to February 25, 2023, 9 hours, certificate #116/310-202).

Education

2006:	Lutsk State Technical University, bachelor's degree in specialty "Automation and computer-integrated technologies"
2007:	Lutsk State Technical University, specialty "Automated control of technological processes and productions". Qualification – "Engineer of automation and computer-integrated technologies".
2015:	Post-graduate studies at the Lutsk National Technical University, specialty "Mechanics of deformable solids".
2017:	Candidate's thesis defense on the topic "Calculation of stresses near stamps, holes and cracks in composite plate elements of structures". Candidate of technical sciences diploma.