



<b>Name</b>	Zoia Kholodna
<b>Position, Department/Faculty</b>	Senior lecturer of the Department of Computer Systems, Networks, and Cybersecurity Deputy Dean for Courses, Faculty of Radio Electronics, Computer Infocommunications
<b>Academic Degree, Academic Title</b>	
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<b>Scopus Author ID:</b>	
<b>Web of Science ResearcherID:</b>	
<b>ORCID iD:</b>	
<b>Google Scholar:</b>	
<b>ResearchGate:</b>	

Operation systems: Microsoft Windows Programming languages: C#, C/C++, HTML/CSS, JavaScript AR/VR Engine: Vuforia, Unity Databases: MySQL, T-SQL Learning platform: Moodle, Sakai, Mentor  
 Operation systems: Microsoft Windows Programming languages: C#, C/C++, HTML/CSS, JavaScript AR/VR Engine: Vuforia, Unity Databases: MySQL, T-SQL Learning platform: Moodle, Sakai, Mentor

## EDUCATION:

### Basic education (university, major, year of graduation):

Specialist in Applied Mathematics

National Aerospace University "Kharkiv Aviation Institute", 01.09.1973 – 14.02.1979

### Postgraduate/Doctoral studies:

### Additional training, certification programs:

text

## WORK EXPERIENCE:

### Professional Career (Workplace, Years, Position):

1. 1979-1981 programmer at the Computing Center of the Far Eastern Shipping Company.
2. 1982-1988 programmer at the Computing Center of Khai
3. 1989-1999 teaching at the Department 603 of Khai
4. 2000-till now teaching at the Department 503 of Khai

### Teaching Experience:

1. 1989-1992 assistant at the Department 603 of Khai
2. From 1993 Senior Lecturer.

### Experience in International or National Projects:

text

## RESEARCH ACTIVITIES:

**Main Research Areas:**

text

**Number of Publications (Scopus, WoS, others):**

text

**Monographs, Textbooks:**

text

**Participation in Scientific Conferences:**

text

**TEACHING ACTIVITIES:****Courses Taught:**

1. Programming language PROLOG
2. Programming language LISP
3. Programming language Assembly
4. Programming language Pascal
5. Data structures and models
6. Systems analysis
7. Discrete mathematics
8. Computer graphics

**Author Courses, Academic Programs:**

1. Discrete mathematics
2. Computer graphics

**Methodological Materials, Textbooks:**

1. Kholodnyi M.F., Kholodna Z.B. Fundamentals of set theory. Textbook. — Kharkiv: Khai, 2005.
2. Zheltukhin A. V., Kulanov V. A., Kholodna Z. B., Kholodnyi M. F. Logical algebras and systems: a textbook. — Kh.: National Aerospace University "KhAI", 2009. — 36 p. Code: 519.

**Participation in International and National Projects:**

text

**Grants, Scholarships, Academic Mobility Programs:**

text

**PROFESSIONAL ACHIEVEMENTS AND AWARDS:****Honorary Titles:**

text

**Distinctions, Awards, Prizes:**

text

**Membership in Professional Associations:**

text



## **INTERNATIONAL ACTIVITIES:**

**Internships:**  
text

**Cooperation with Foreign Universities:**  
text

**Teaching/Lecturing Abroad:**

## **SELECTED PUBLICATIONS:**

### **Key Articles (Scopus, WoS, others):**

1. ICTM'2016: UDC 519.01, System of step-by-step demonstration of the operation of optimization algorithms on graphs. E.V. Baev student of the department 503; Nechausov S.M., senior lecturer of the department 503; Kholodna Z.B., senior lecturer of the department 503.
2. ICTM'2020 UDC 004.627, Training program based on the Lempel-Ziv-Welch data compression algorithm. V.I. Zhdanov, student 515b group; Kholodna Z.B. senior lecturer, department 503.
3. ICTM'2020 UDC 511.21 Search for all prime numbers on a given interval. Filatov E.O., student 515b group; Kholodna Z.B., senior lecturer, department 503.

## **GRANTS AND PROJECTS:**

**Books, Chapters in Collective Monographs:**  
text

**Links to Citation Database Profiles:**

## **ADDITIONAL INFORMATION:**

### **Language Proficiency:**

Ukrainian Native language  
English Fluent in reading and writing  
Russian Fluent in reading, writing and speaking.

### **IT Skills:**

**Operation systems:** Microsoft Windows  
Learning platform: Sakai, Mentor, Google Meet

### **Social and Community Activities:**

Student group curator