



<b>Name</b>	Andrei Popov
<b>Position, Department/Faculty</b>	Associate Professor, Department of Computer Science and Information Technologies / Faculty of Aircraft Control Systems
<b>Academic Degree, Academic Title</b>	Candidate of Technical Sciences, Associate Professor
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<b>Web of Science ResearcherID:</b>	NZO-3565-2025
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<b>Google Scholar:</b>	<a href="https://scholar.google.com.ua/citations?hl=uk&amp;user=wgrqVoAAAAAJ">https://scholar.google.com.ua/citations?hl=uk&amp;user=wgrqVoAAAAAJ</a>
<b>ResearchGate:</b>	-

## EDUCATION:

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

Specialist of information technology's National Aerospace University "Kharkiv Aviation Institute", [1995 – 2000]

Master of information technology's National Aerospace University "Kharkiv Aviation Institute", [2001 –2002]

### Postgraduate/Doctoral studies:

Candidate of Technical Sciences, National Aerospace University "Kharkiv Aviation Institute", 2006

Associate Professor, National Aerospace University "Kharkiv Aviation Institute", 2010

### Additional training, certification programs:

None

## WORK EXPERIENCE:

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

Sep 2000 – Aug 2007	Assistant, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute" research activity, teaching.
Sep 2008 - present	Associate Professor, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute" research activity, teaching.
Feb 2000 – present	Freelance (Programming)

### Teaching Experience:

Sep 2000 – Aug 2007	Assistant, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine
Sep 2008 – present	Associate Professor, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine

### Experience in International or National Projects:

2012 – 2014	Executor	State budget project “Development of the theoretical foundations of logistics management of the design, production, operation and disposal of aviation equipment”, National Aerospace University “Kharkiv Aviation Institute” (No 0112U000104, MES of Ukraine)
2015 – 2017	Executor	State budget project “Development of theoretical bases by investment projects and programs of reformation and development of machine-building complex of Ukraine”, National Aerospace University “Kharkiv Aviation Institute”, (No 0115U003328, MES of Ukraine)
2018 – 2020	Executor	State project “Information technologies in the management of the development of organizational and technical systems”, National Aerospace University “Kharkiv Aviation Institute” (No 0118U003824, MES of Ukraine)
2021 – 2023	Executor	State project “Information technologies in management of logistics and distributed systems”, National Aerospace University “Kharkiv Aviation Institute” (No 0121U111437, MES of Ukraine)
2024 – 2026	Executor	State project “Models and intelligent technologies for logistics management of high-tech products in the context of digital transformation of industry”, National Aerospace University “Kharkiv Aviation Institute” (No 0124U002045, MES of Ukraine)
2025 – 2027	Executor	State budget project, closed topic (No 0125U001562, MES of Ukraine)

## RESEARCH ACTIVITIES:

### Main Research Areas:

Programming (C#, Python, JAVA, Kotlin), UX/UI design, Mixed reality, Mobile application development technologies, Cloud Technologies, AR/VR.

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

Over 100 scientific publications, including indexed articles in Scopus and Web of Science databases; multiple conference proceedings and applied research outputs.

### Monographs, Textbooks:

Co-author of 1 monographs and 2 textbooks in the fields of Mobile application development technologies, Mixed reality, Logistics.

### Participation in Scientific Conferences:

Regular participant (more 80) and speaker at international and national scientific conferences on information technology's.

## TEACHING ACTIVITIES:

### Courses Taught:

1. Create visual interfaces (Bachelor), National Aerospace University “Kharkiv Aviation Institute”
2. Mobile and cloud technology (Bachelor), National Aerospace University “Kharkiv Aviation Institute”
3. Information technology development of mixed reality systems (Bachelor), National Aerospace University “Kharkiv Aviation Institute”
4. Information technologies of mobile application development (Magistr), National Aerospace University “Kharkiv Aviation Institute”

### Author Courses, Academic Programs:

1. Create visual interfaces (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
2. Mobile and cloud technology (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
3. Information technology development of mixed reality systems (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
4. Information technologies of mobile application development (Magistr), National Aerospace University "Kharkiv Aviation Institute"

#### **Methodological Materials, Textbooks:**

Co-author of textbooks in the field of information technology's.

Developed electronic resources and video materials for hybrid and online teaching (LMS: Pilot, Moodle)

### **GRANTS AND PROJECTS:**

#### **Participation in International and National Projects:**

None

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

None

### **PROFESSIONAL ACHIEVEMENTS AND AWARDS:**

None

### **INTERNATIONAL ACTIVITIES:**

None

### **SELECTED PUBLICATIONS:**

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

1. Popov, A., Momot, M., Yelizieva, A. Choosing the test automation system according to customer requirements. Innovative Technologies and Scientific Solutions for Industries. – 2022. –1 (19). C. 40-47, DOI: 10.30837/ITSSI.2022.19.040
2. Fedorovych, O., Prokhorov, O., Pronchakov, Y., Popov, A., Momot, M. Modeling of the relocation of high-tech enterprises for the release of innovative products. Radioelectronic and Computer Systems, 2023, (2), 180-192. <https://doi.org/10.32620/reks.2023.2.15>
3. Fedorovych, O., Malieiev, L., Hubka, O., Popov, A. Modeling of project activities for UAV modernization to conduct swarm drone attack missions Aerospace Technic and Technology, 2025, no.2 (202) pp. 81-92. DOI: 10.32620/aktt.2025.2.8.
4. Fedorovich, O., Krytskyi, D., Hubka, O., Popov, A. Modeling the series of military actions to plan an attack mission of a swarm drones. Radioelektronni i komp'uterni sistemi – Radioelectronic and computer systems, 2025, no. 2, pp. 46-63. DOI: 10.32620/reks.2025.2.03

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

1. Fedorovych O. E., Zamyrets O. N., Popov A. V. Logistic models of production management. monograph Monograph. Kharkiv: KhAI, 2010. – 217 pp.

#### **Links to Citation Database Profiles:**

<https://www.scopus.com/authid/detail.uri?authorId=58558782100>

<https://www.webofscience.com/wos/author/record/NZO-3565-2025>  
<https://scholar.google.com.ua/citations?hl=uk&user=wgrqVoAAAAAJ>

## ADDITIONAL INFORMATION:

### Language Proficiency:

Language	Proficiency Level	Certification / Notes
Ukrainian	Native	
English	Intermediate	

### IT Skills:

Category	Skills / Tools	Level / Experience	Notes / Context
Programming	C#, Python, JAVA, Kotlin	Advanced	Courses, research, commercial projects
Databases	MS SQL, MySQL, PostgreSQL, MongoDB	Advanced	Research and applied projects
Extended Reality development technologies	AR, VR	Advanced	Research and applied projects
Mixed reality development technologies	Microsoft MRTK, Meta MRUK	Advanced	Courses, research, commercial projects
Mobile application development technologies	Native languages, Cross-platform frameworks, Related technologies.	Advanced	Courses, research, commercial projects

### Social and Community Activities:

1. Organizer and regular host of webinars aimed at career guidance, promotion of science, and modern information technologies among youth.
2. Participation in faculty and university career guidance activities, including offsite events, interactive exhibitions, and open days.

