

# Gordeev Alexander

Links on profiles:

**Scopus Author ID:** <https://www.scopus.com/authid/detail.uri?authorId=56447150300>

**ResearchGate ID:** <https://www.researchgate.net/profile/Oleksandr-Gordieiev>

**Google Scholar ID:** <https://scholar.google.com.ua/citations?user=7OUe514AAAAJ&hl=ru>

## Education

<i>Periods</i>	<i>University</i>
2003-2007	National aerospace university «Kharkiv Aviation Institute», PhD student, Degree Programme «Automated Control Systems and Progressive Information Technologies»
1998-2003	National aerospace university «Kharkiv Aviation Institute», Degree Program «Computer Systems and Networks», qualification «Engineer- researcher», Master's Degree with honors

## Scientific and academic degrees

<i>Year</i>	<i>Information</i>
2022	Certificate of Professor of Software Engineering Department, Lutsk National Technical University
2021	Diploma of Doctor of Engineering Science, Degree Programme «Information technologies»
2011	Certificate of Associate Professor of Department of Economic Cybernetics, Ukrainian Academy of Banking of the National Bank of Ukraine
2007	Diploma of PhD, Degree Programme «Automated Control Systems and Progressive Information Technologies»

## Work experience

<i>Periods</i>	<i>Position, name of organization</i>
2021-now	Professor of the Department of Software Engineering, Course director of PhD-programme «Software Engineering», Lutsk National Technical University, Lutsk
2016-2021	Head of the Department of Information Systems and Cybersecurity, University of Banking (Author of Bachelor Degree Programme «Cybersecurity in FinTech»), Kyiv
2018-2020	Director of Educational Programs, Ukrainian Association of Fintech and Innovation Companies (UAFIC), Kyiv (part time)

2014-2021	Business analyst, consultant at international IT-companies (part time)
2014-2016	Associate Professor in the Department of Control of Banking Security, University of Banking of the National bank of Ukraine, Kyiv
2012-2014	Head of the Department of Information Technologies and Systems, Sevastopol institute of banking of University of banking of the National bank of Ukraine
2010-2012	Head of the Higher Mathematics Department, Sevastopol institute of banking of University of banking of the National bank of Ukraine
2008-2010	Associate Professor in the Department of Economic Cybernetics, Ukrainian Academy of Banking of the National Bank of Ukraine
2007-2008	Senior Lecturer in the Higher Mathematics and Informatics Department, Ukrainian academy of banking of the National bank of Ukraine
2003-2007	Assistant in the Computer Systems and Networks Department, National Aerospace University «Kharkiv Aviation Institute»

### Industrial Certificates

1. #6285368CCNA Cisco Certified Academy Instructor – International certificate of Cisco instructor;
2. Google Data Analytics Professional Certificate

[https://www.credly.com/badges/abecb643-b3c9-4fa9-af03-af8e7d5c94ed/linked\\_in\\_profile](https://www.credly.com/badges/abecb643-b3c9-4fa9-af03-af8e7d5c94ed/linked_in_profile)

### Technology skills

Notations (for business process modeling)	IDEF0, DFD, IDEF3, UML, Aris
Bug tracking systems	Bug Genie, GNATS, Bugzilla etc.
UX research & assessment	Tobii technologies (eye-tracker, Tobii glasses, Tobii Studio)
Programming languages	C, C++, Assembler
DBMS	Postgres, MySQL, MSSQL, Oracle
Web	PHP, HTML, CSS, JavaScript
Computer networks tools	Netcracker, Packet tracer, Wireshark
Penetration testing tools	Kali Linux, Metasploit, Acunetix Web Vulnerability Scanner, SQLmap (SQLInjection), Social engineering technologies
Data analytics & visualizations	Google spreadsheets, Rstudio, Tableau
Computer networks technologies &	(Fast, Gigabit, Metro) Ethernet, TokenRing, FDDI,

protocols	FrameRelay, ATM, HTTP(S), TCP, UDP, IPv4, IPv6, RIP, RIP2, OSPF, IEGRP, STP, VTP
Experience of work with International standards	ISO/IEC 9126, ISO/IEC 12207, ISO/IEC 25000 series, ISO/IEC 15408, ISO/IEC/IEEE 29119 1-5, ISO/IEC 20246,
Microsoft Office	Word, Excel, PowerPoint, Visio, Project, VBA
Graphics	Adobe Photoshop, Corel, Pro100

## **Teaching experience**

### ***Academic experience***

1	Software Quality Assurance
2	Testing of Software
3	UX Research with use Eye-tracking Technologies (trainings)
4	Modeling of Business Process
5	Business Analysis
6	Software Requirements Engineering
7	Management of IT-projects
8	Standards in IT
9	Database Management System
10	Security in Computer Networks
11	Computer Networks
12	Web-programming
13	Web-design
14	Cybersecurity
15	Corporate Security
16	Informatics
17	Basis of Computer Science

### ***Industrial experience***

18	Cisco IT Essentials: PC Hardware and Software
19	Cisco CCNA Exploration: Routing and Switching
20	Cisco CCNA Security

## **Scientific and industrial interests**

1	Requirements engineering: analysis, development and verification
2	Software quality assessment and assurance
3	Software fault injection: methods, techniques, tools, faults profiles
4	Software quality models: research, analysis, evolution and development

5	Human computer interaction (HCI): usability assessment (using usability metrics), using eye-tracking technology
6	Green software: assessment, development
7	AI quality assessment
8	Cybersecurity: penetration testing methodology
9	Management and business-analysis in IT-industry
10	Web 2.0: blockchain, cybercurrency, FinTech

### Organization of big scientific and industrial conferences

1. Co-founder and organizer of the biggest industrial conference in east Europe «Dependable Systems, Services and Technologies» with support IEEE (2006-2023 years) <https://www.dessert-conf.org/dessert-2023/>  
Roles:
  - Co-Chair of International Advisory Board member IEEE DeSSeRT Conference;
  - International Advisory Board member IEEE DeSSeRT Conference;
  - Overall conference planning and administration;
  - Conference speaker;  
Correspondence with possible sponsors, participants, attracting prospective keynote speakers;
  - Scientific editing of the conference proceedings, managing the proceedings production for both digital and print.
2. Organizer of the biggest Fintech conference in Ukraine «UAFIN.TECH» (2019 year) <https://uafin.tech/>.  
Roles:
  - Conference speaker;
  - Overall conference planning and administration.

### Additional industrial activities

<b>Periods</b>	<b>Position, name of organization</b>
2011 - 2021	Head of Cisco Local Academy in University of Banking of the National Bank of Ukraine
2008 - 2011	Head of Cisco Local academy in Ukrainian Academy of Banking of the National Bank of Ukraine

### International grants (EU grants)

**573818-EPP-1-2016-1-UK-EPPKA2-CBHE-JP Internet of Things: Emerging Curriculum for Industry and Human Applications**

*Funding agency:* European Commission Erasmus+ (EACEA) Tempus Joint Project - Higher Education and Society. Project Coordinator University of Newcastle upon Tyne

*Duration:* October,2016 – April,2020

*URL:* <https://erasmus-plus.ec.europa.eu/projects/eplus-project-details#project/573818-EPP-1-2016-1-UK-EPPKA2-CBHE-JP>

*Key responsibilities:*

- Curricula development;
- Participation in workshops.

**543968-TEMPUS-1-2013-1-EE-TEMPUS-JPCR. SEREIN – Modernization of Postgraduate Studies on Security and Resilience for Human and Industry Related**

## Domains

*Funding agency:* European Commission Erasmus+ (EACEA) Tempus Joint Project - Curricular Reform. Project Coordinator Tallinn University of Technology Tallin, Estonia.

*Duration:* December, 2013 – June, 2017

*URL:* <https://erasmus-plus.ec.europa.eu/projects/eplus-project-details#project/543968-TEMPUS-1-2013-1-EE-TEMPUS-JPCR>

*Key responsibilities:*

- Project coordination at University of Banking;
- Curricula development;
- Planning, budgeting, holding the financial side of the project under responsibility (project cost structure, invoicing, salary management), budget optimization;
- Requirements management, risk management;
- Monitoring and control, change management, process improvement.

### **544031-TEMPUS-1-2013-1-AT-TEMPUS-JPHES. KTU – Knowledge Transfer Unit – From Applied Research And Technology-Entrepreneurial Know-How Exchange To Development Of Interdisciplinary Curricula Modules**

*Funding agency:* European Commission Erasmus+ (EACEA) Tempus Joint Project - Higher Education and Society. Project Coordinator FH JOANNEUM, University of Applied Sciences Graz, Austria.

*Duration:* December, 2013 - February, 2017

*URL:* <https://erasmus-plus.ec.europa.eu/projects/eplus-project-details#project/544031-TEMPUS-1-2013-1-AT-TEMPUS-JPHES>

*Key responsibilities:*

- Project coordination at University of Banking;
- Curricula development;
- Planning, budgeting, holding the financial side of the project under responsibility (project cost structure, invoicing, salary management), budget optimization;
- Requirements management, risk management;
- Monitoring and control, change management, process improvement.

### **544497-TEMPUS-1-2013-1-UK-TEMPUS-JPHES TEMPUS CABRIOLET – Model-Oriented Approach and Intelligent Knowledge Based System for Evolvable Academia - Industry Cooperation in Electronic and Computer Engineering**

*Funding agency:* European Commission Erasmus+ (EACEA) Tempus Joint Project - Higher Education and Society. Project Coordinator University of Newcastle upon Tyne

*Duration:* December, 2013 - November, 2016

*URL:* <https://erasmus-plus.ec.europa.eu/projects/eplus-project-details#project/EACEA-544497>

*Key responsibilities:*

- Curricula development;
- Organization of workshops.

### **530270-TEMPUS-1-2012-1-UK-TEMPUS-JPCR. TEMPUS GreenCo – Green Computing and Communication.**

*Funding agency:* European Commission Erasmus+ (EACEA) Tempus Joint Project - Curricular Reform. Project Coordinator University of Newcastle upon Tyne.

*Duration:* 2012 – 2015

*URL:* <https://erasmus-plus.ec.europa.eu/projects/eplus-project-details#project/EACEA-530270>

*Key responsibilities:*

- Curricula development;

– Organization of workshops.

TEMPUS MASTAC (JEP\_26008\_2005) «MSc and PhD studies in Aerospace Critical Computing»

*Funding agency:* European Commission

*Duration:* 2006-2009.

*Key responsibilities:*

– Curricula development.

## Foreign Languages

- English – B2 level

---