



Name	Artem Tetskiy
Position, Department/Faculty	Associate Professor of the Department of Computer Systems, Networks, and Cybersecurity, Faculty of Radioelectronics, Computer Systems and Infocommunications
Academic Degree, Academic Title	Candidate of Technical Sciences (PhD)
Email:	a.tetskiy@csn.khai.edu
Scopus Author ID:	57202894656
Web of Science ResearcherID:	Y-6366-2018
ORCID iD:	0000-0003-1745-2452
Google Scholar:	https://scholar.google.com.ua/citations?user=tqripcQAAAAJ&hl=en
ResearchGate:	https://www.researchgate.net/profile/Artem_Tetskiy

EDUCATION:

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

Master of Science Degree in Computer Communications Analysis
National Aerospace University "Kharkiv Aviation Institute", 01.09.2009 – 28.02.2015

Postgraduate/Doctoral studies:

Candidate of Technical Sciences (PhD)
National Aerospace University "Kharkiv Aviation Institute", 01.09.2015 – 31.08.2018

Additional training, certification programs:

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

April 2015 – December 2020 – National Aerospace University "Kharkiv Aviation Institute", Assistant
January 2021 – August 2022 – National Aerospace University "Kharkiv Aviation Institute", Senior Lecturer

September 2022 – till now – National Aerospace University "Kharkiv Aviation Institute", Associate Professor

Teaching Experience:

National Aerospace University "Kharkiv Aviation Institute", 2015-2020, Assistant

National Aerospace University "Kharkiv Aviation Institute", 2021-2022, Senior Lecturer

National Aerospace University "Kharkiv Aviation Institute", 2022-till now, Associate Professor



Experience in International or National Projects:

Involved in over 5 international and national projects.

RESEARCH ACTIVITIES:**Main Research Areas:**

Cybersecurity, Reverse Engineering

Number of Publications (Scopus, WoS, others):

More than 30 scientific publications, including more than 20 in SCOPUS.

Monographs, Textbooks:

1 collective monograph

Participation in Scientific Conferences:

International Conference on ICT in Education, Research, and Industrial Applications (ICTERI), Integrated Computer Technologies in Mechanical Engineering (ICTM), IEEE Dependable Systems, Services and Technologies (DESSERT)

TEACHING ACTIVITIES:**Courses Taught:**

Operating Systems, Information and Communication Systems, Web Systems Security, Penetration Testing Tools (Pentesting, White Hacking)

Author Courses, Academic Programs:

Operating Systems, Information and Communication Systems, Web Systems Security, Penetration Testing Tools (Pentesting, White Hacking)

Methodological Materials, Textbooks:

Технології ДЕВОПС. Реалізація CI/CD проекту з відкритим вихідним кодом [Електронний ресурс] : навч. посіб. / Д. Д. Узун, А.Г. Тецький, М. Р. Немов. – Харків : Нац. аерокосм. ун-т ім. М. Є. Жуковського «Харків. авіац. ін-т», 2024. – 103 с. URL: https://library.khai.edu/library/fulltexts/metod/Uzun_Tehnologii.pdf

GRANTS AND PROJECTS:**Participation in International and National Projects:**

Methods and case-technologies of evidence-based assessment of software systems cybersecurity to ensure protection of critical IT infrastructure

Grants, Scholarships, Academic Mobility Programs:**PROFESSIONAL ACHIEVEMENTS AND AWARDS:****Honorary Titles:**

Distinctions, Awards, Prizes:

Diploma of the 2nd degree of the "Young Innovator" competition of the Kharkiv Regional Council of the Society of Inventors and Rationalizers (2025)

Membership in Professional Associations:

Active member of the public organization "Ukrainian Scientific and Educational IT Society" (certificate No. 20-00006 FS dated January 24, 2020).

INTERNATIONAL ACTIVITIES:**Internships:**

Internship course "Implementation of innovations in technology and engineering: Experience of the Czech Republic" in the European Institute for Innovation Development, Ostrava, Czech Republic, EU (from December 11, 2023, to February 2, 2024), total 180 hours

Cooperation with Foreign Universities:**Teaching/Lecturing Abroad:****SELECTED PUBLICATIONS:****Key Articles (Scopus, WoS, others):**

Tetskyi A., Kharchenko V., Uzun D., Nechausov A. Architecture and Model of Neural Network Based Service for Choice of the Penetration Testing Tools // International Journal of Computing. 2021. No. 20(4). PP. 513-518. DOI: 10.47839/ijc.20.4.2438.

Morozova O., Nicheporuk A., Tetskyi A., Tkachov V. Methods and technologies of ensuring cybersecurity of industrial and web-oriented systems and networks // Radioelectronic and Computer Systems. 2021. No. 4 (100). PP. 145-156. DOI: 10.32620/reks.2021.4.12.

Strielkina A., Tetskyi A. Methodology for assessing satisfaction with requirements at the early stages of the software development process // Radioelectronic and Computer Systems. 2023. No. 1(105). PP. 197-206. DOI: 10.32620/reks.2023.1.16.

Perepelitsyn A., Tetskyi A. Method of creation of power sources for home appliances under constraints of limited resources // Radioelectronic and Computer Systems. 2023. No. 2(106). PP. 81-93. DOI: 10.32620/reks.2023.2.07.

Strielkina A., Tetskyi A., Krasilshchykova V. Risk and uncertainty assessment in software project management: integrating decision trees and Monte Carlo modeling // Radioelectronic and Computer Systems. 2023. No. 3(107). PP. 217-225. DOI: 10.32620/reks.2023.3.17.

Tetskyi A., Perepelitsyn A., Illiashenko O., Morozova O., Uzun D. Ensuring cybersecurity of FPGA as a service with the use of penetration testing of components // Radioelectronic and Computer Systems. 2024. No. 2(110). PP. 160-172. DOI: 10.32620/reks.2024.2.13.

Tetskyi A., Uzun D. Intrusion detection and prevention systems as a component of ensuring compliance with regulatory documents // Radioelectronic and Computer Systems. 2024. No. 3(111). PP. 166-174. DOI: 10.32620/reks.2024.3.11.

Books, Chapters in Collective Monographs:

Modeling and Availability Assessment of Mobile Healthcare IoT Using Tree Analysis and Queueing Theory / A. Strielkina, D. Uzun, V. Kharchenko, A. Tetskyi // Dependable IoT for Human and

Industry: Modeling, Architecting, Implementation : monograph / Edited by V. Kharchenko, A. L. Kor, A. Rucinski. River Publishers, 2018. Chapter 5. P. 105-126.

Links to Citation Database Profiles:

<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57202894656&zone=>

<https://scholar.google.com/citations?user=tqripcQAAAAJ&hl=uk&oi=ao>

<https://www.webofscience.com/wos/author/record/Y-6366-2018>

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian, English

IT Skills:

Linux, bash

PHP, SQL, HTML/CSS/JS

Java, Selenium

Social and Community Activities:

Active member of the public organization "Ukrainian Scientific and Educational IT Society", academic group curator.