



Alexandru-Tudor Andrei

Date of birth: 11/01/1996 | **Nationality:** Romanian | **Gender:** Male | **Email address:** tudor.andrei@usm.ro |

Address: Str. Universitatii, nr. 13, 720229, Suceava, Romania (Work)

● ABOUT ME

I am an assistant professor, research assistant and PhD student at the Ștefan cel Mare University of Suceava. I conduct research on interaction techniques with intelligent environments and ambient intelligence systems.

● WORK EXPERIENCE

2024 – CURRENT Suceava, Romania

ASSISTANT PROFESSOR IN COMPUTER SCIENCE ȘTEFAN CEL MARE UNIVERSITY OF SUCEAVA

- Teach Data Structures and Algorithms, Mobile Computing, and Introduction to Computer Programming
- Conduct research and publish research results in peer reviewed journal and conferences

2021 – CURRENT Suceava, Romania

RESEARCH ASSISTANT IN COMPUTER SCIENCE ȘTEFAN CEL MARE UNIVERSITY OF SUCEAVA

- Conduct research in Ambient Intelligence and Human-Computer Interaction
- Develop software applications to demonstrate interaction modalities with computer systems
- Publish research results in peer reviewed journal and conferences

2018 – 2021 Iași, Romania

DESIGN VERIFICATION ENGINEER SILICON SERVICE

- System design verification using SystemVerilog and the UVM framework
- Perl scripting

● EDUCATION AND TRAINING

2021 – CURRENT Suceava, Romania

PH.D. STUDENT IN COMPUTER SCIENCE Ștefan cel Mare University of Suceava

Thesis User Experience in application scenarios of Ambient Intelligence

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2
SPANISH	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

2024
[ChairMX: On-Chair Input for Interactive Media Consumption Experiences for Everyone, Everywhere](#)

Radu-Daniel Vatavu, Laura-Bianca Bilius, Alexandru-Tudor Andrei, Mihail Terenti, Adrian-Vasile Catană, Alexandru-Ionuț Șiean

In Proceedings of IMX '24, the ACM International Conference on Interactive Media Experiences

2024
[MW4HBI: Mobile and Wearable Human-Building Interactions with a Multi-Platform User Interface](#)

Alexandru-Tudor ANDREI

2024 International Conference on Development and Application Systems (DAS)

2024
[From Smart Buildings to Smart Vehicles: Mobile User Interfaces for Multi-Environment Interactions](#)

Laura-Bianca Bilius, Alexandru-Tudor Andrei, Radu-Daniel Vatavu

2024 International Conference on Development and Application Systems (DAS)

2024
[Take a Seat, Make a Gesture: Charting User Preferences for On-Chair and From-Chair Gesture Input](#)

Alexandru-Tudor Andrei, Laura-Bianca Bilius, and Radu-Daniel Vatavu

In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)

2022
[Tap4Light: Smart Lighting Interactions by Tapping with a Five-Finger Augmentation Device](#)

Alexandru-Tudor Andrei, Alexandru-Ionuț Șiean, and Radu-Daniel Vatavu

In 13th Augmented Human International Conference (AH2022)

2022
[Personalized wearable interactions with WearSkill](#)

Ovidiu-Andrei Schipor, Laura-Bianca Bilius, Ovidiu-Ciprian Ungurean, Alexandru-Ionuț Șiean, Alexandru-Tudor Andrei, and Radu-Daniel Vatavu

In Proceedings of the 19th International Web for All Conference (W4A '22)