Curriculum vitae

PERSONAL INFORMATION

Ioan-Cătălin Drăgoi

- Str. Vasile Blendea, bl. 19A2, ap. 5, Targoviste, postal code: 130148, Romania
- 0747258174
- catalin.dragoi@valahia.ro

Sex Male | Date of birth 11 March 1987 | Nationality Romanian

PROFESSIONAL EXPERIENCE

October 2016–present   **Assistant Professor**

Faculty of Electronics, Telecommunications and Information Technology, Valahia University of Târgoviste (Romania)

Teaching: *Information Transmission Theory*, seminar, practical sessions, (since 2013);
Image Processing and Shape Recognition, seminar, practical sessions (since 2015);
Microcontroller Based Systems, practical sessions, (since 2016).

EDUCATION AND TRAINING

2012–2016   **PhD degree**

Valahia University of Târgoviste

Electrical Engineering - Engineering sciences

PhD thesis: Prediction improvement for reversible watermarking

2010–2012   **Master's degree**

Valahia University of Târgoviste

Electrical Engineering - Advanced Telecommunications, Information Processing and Transmission Systems

Master's thesis: Reversible watermarking based on adaptive interpolation

Master's thesis research field: Image processing

2006–2010   **University degree**

Valahia University of Târgoviste

Electrical Engineering - Applied Electronics

Graduation thesis: A fast algorithm for local histogram specification

Graduation thesis research field: Image processing

PERSONAL SKILLS

Mother tongue(s)   Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Independent user	Independent user

Digital competences - Self-assessment grid

Additional Information

- Author/co-author of four papers published in ISI journals and ten papers presented in international conferences;

- 112 citations;

- Reviewer for IEEE Trans. on Cybernetics, IEEE Trans. on Image Processing, IEEE Trans. on Image Processing, IEEE Trans. on Information Forensics and Security, IEEE Signal Processing Letters, Journal of Visual Communication and Image Representation;

- Participant in two national projects:

- PAV3M: Intelligent system for management, monitoring and maintenance of pavements and roads using modern imaging techniques, PN-II-PT-PCCA-2013-4-1762

- NANOPTOSCAN: New methods and investigations protocols for the early diagnosis, efficient screening, prognostic and therapy of non-melanoma skin cancers based on existing and novel micro & nano optical tools, PN-II-PT-PCCA-2011-3.2-1162

- Participant in several international conference: European Signal Processing Conference 2012 and 2015 (EUSIPCO), International Symposium on Signals, Circuits and Systems 2015 (ISSCS);

- Participant in the 2015 Communication Session of Student Scientific Circles (SCCSS - Sesiunea de Comunicări a Cercurilor Ştiinţifice Studenţeşti 2015).

Driving licence   B