

PERSONAL INFORMATION

Cristian Postelnicu



 Nicopole street, no. 56, 500063 Brasov (Romania)

 0720315728  

 cristian.postelnicu@yahoo.com

Sex Male | Nationality Romanian

WORK EXPERIENCE

10/2013–Present

Lecturer

Transilvania University of Brasov, Brasov (Romania)

Research and Education activities in Human Computer Interaction, Electronics, Biopotentials processing, Virtual Reality, Augmented Reality, Design of Virtual Environments, Computer programming, 3D Modeling, Multimodal Interfaces

04/2013–Present

Computer programmer

GoSocial Development SRL, Brasov (Romania)

- coordinator of the development team
- software programming

EDUCATION AND TRAINING

01/10/2009–26/10/2012

PhD

Transilvania University of Brasov, Brasov (Romania)

- Biopotentials signal processing
- Virtual reality
- Robotics
- Programming
- Statistics

01/10/2009–30/06/2010

Engineer

Scuola Superiore Sant'Anna Pisa, Pisa (Italy)

- Biopotentials signal processing
- Virtual reality
- Robotics
- Programming
- 3D modelling

01/10/2004–17/07/2009

Diploma engineer

Transilvania University of Brasov, Brasov (Romania)

- Computer architecture
- Digital signal processing
- Digital electronics
- Analogue electronics
- Programming

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2
Italian	A2	A2	A2	A2	A2
German	A1	A1	A1	A1	A1

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

Organisational / managerial skills Development team leader at GoSocial Development SRL

Education and research abilities, good organiser.

Job-related skills Team spirit, responsibility, honesty.

Digital competence C++, Java, PHP/MySQL, Verilog, HTML, Microsoft Word, Adobe Premiere, Adobe Photoshop, Nodejs, Angular

ADDITIONAL INFORMATION

Publications

1. Postelnicu, C.-C., Talaba, D., „P300-based Brain-Neuronal Computer Interaction for Spelling Applications”, IEEE Transactions on Biomedical Engineering, vol. 60, no. 2, pp. 534-543, 2013.
2. Postelnicu, C.-C., Gîrbacia, F., Talaba, D., „EOG-based Visual Navigation Interface Development”, Expert Systems with Applications, vol. 39, no. 12, pp. 10857-10866, 2012.
3. Postelnicu, C.C., Duguleană, M., Gîrbacia, F., Talabă, D., „Towards P300 Based Brain Computer Interface for Computer Aided Design”, Conference and Exhibition of the European Association of Virtual and Augmented Reality, EuroVR 2014, doi: 10.2312/eurovr.20141347, pp. 107-111, 2014.
4. Postelnicu, C.-C., Barbuceanu, F., Topoleanu, T., Talaba, D., „EOG-Based Interface for Manipulation Tasks”, Applied Mechanics and Materials, Mechanisms, Mechanical Transmissions and Robotics, vol. 162, pp. 537-542, 2012.
5. Postelnicu, C.C., Gîrbacia, F., Duguleană, M., Talabă, D., „EOG-based Teleoperation of a Mobile Robot”, Proceedings of 3rd International Conference on Future Computer and Communication, 6pp, doi: 10.1115/1.859711.paper 24, 2011.
6. Postelnicu, C.C., Talabă, D., Toma, M.I., „Controlling a Robotic Arm by Brainwaves and Eye Movement”, IFIP Advances in Information and Communication Technology: Technological Innovation for Sustainability, vol. 349, pp. 157-164, 2011.
7. Postelnicu, C.-C., Covaci, A., Panfir, A.N., Talaba, D., „Evaluation of a P300-Based Interface for Smart Home Control”, IFIP Advances in Information and Communication Technology: Technological Innovation for Value Creation, vol. 372, pp. 179-186, 2012.
8. Gîrbacia, F., Butnariu, S., Orman, A. P., Postelnicu, C.-C., „Virtual Restoration of Deteriorated Religious Heritage Objects Using Augmented Reality Technologies”, European Journal of Science

and Theology, vol. 9, no. 2, pp. 223-231, 2013.

Projects

•**HERITAGE** - <http://eheritage.org/>

Research project funded by EU worth 1 mil EUR – HORIZON2020 – Project member.

•**NAVIEYES** - <http://navieyes.unitbv.ro/>

Research project funded by National Ministry of Education, no. 240 from 01/07/2014 (PN-II-PT-PCCA-2013-4-2023) – Technical director.

•**IREAL**- Interfață cu retur haptic pentru prototiparea in mediu imersiv, Contract nr 132-2007, 2007-2009, project member

•**CHANCE** - Robotic assisted brachytherapy, an innovative approach of inoperable cancers, 2012-2015, PN-II-PT-PCCA-2011-3.2-0414, project member