

PERSONAL INFORMATION

George Razvan Buican



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STUDIES APPLIED FOR

Teza de doctorat

WORK EXPERIENCE

10/2012–Present

Doctorat

Universitatea Transilvania din Brasov, Brasov (Romania)

10/2010–Present

Web developer

SC Namorada Design SRL, Brasov (Romania)

EDUCATION AND TRAINING

2005–2007

Diploma master Ingineria și managementul Calității

Universitatea Transilvania din Brașov – Facultatea de Inginerie Tehnologică și Management Industrial, Brasov (Romania)

2000–2005

Diploma Inginer diplomat Construcții Aerospațiale

Universitatea Transilvania din Brașov – Facultatea de Inginerie Tehnologică și Management Industrial – secția Construcții Aerospațiale, Brasov (Romania)

1996–2000

Diploma bacalaureat

Liceul CFR Brașov – secția electromecanic telecomunicații, Brasov (Romania)

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B1	A1	A1	A1
Italian	B1	B1	B1	B1	A1
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

Communication skills

bune competențe de comunicare dobândite prin experiența proprie de:

- doctorand;

- organizator evenimente (JobShop, PC Party) în cadrul BEST Brasov;
- organizator evenimente (Fly-in, Worksop) în cadrul Euroavia Braşov;
- organizator evenimente în cadrul FRDIF (Fundatia Română pentru Dezvoltarea Învățământului Feroviar);
- participarea la concursuri naționale și internaționale (sesiuni de comunicare studentești, Proiecte internaționale Leonardo DaVinci, proiecte Socrate, olimpiade școlare faza local și județeană [desen tehnic, geografie și electrotehnică - locul II];

Organisational / managerial skills

- competențe de coordonator (coordonator evenimente Fly-in, JobShop si PCParty)
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Digital skills

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

Digital skills - Self-assessment grid

- cunoscător avansat setul Office - Microsoft si Google
- competente avansate grafica PhotoShop, CorelDraw, AutoCAD, FreeCAD, SolidWorks, Catia
- competente avansate programare C/C++, JAVA, TurboPascal, Phyton
- competente analiza date MatLab, MathCAD, Minitab, SPSS, Phython
- competente Machine Learning Phython, AWS Sage, Anaconda, coduri proprietare

Driving licence

B

ADDITIONAL INFORMATION

Publications

- **Buican, G.R., Zaharia, S.M., Martinescu, I., (2007).** *Simulation of Reliability parameters using the Monte Carlo Method*, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pp. 17-21;
- **Buican, G.R., Zaharia, S.M., Martinescu, I., (2007).** *Study about Reliability life testing and types of data*, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pp. 21-26;
- **Buican, G.R., Oancea, G., Manolescu, A., (2014).** *Remanufacturing of Damaged Parts Using Selective Laser Melting Technology*, Applied Mechanics and Materials, Vol. 693, pp. 285-290;
- **Buican, G.R., Oancea, G., Lancea, C., Pop, M.A., (2015).** *Influence of Layer Thickness on Internal Structure of Parts Manufactured from 316-L Steel Using SLM Technology*, Applied Mechanics and Materials, zvol. 809-810, pp. 369-374;
- **Buican, G.R., Oancea, G., Lancea, C., Pop, M.A., (2015).** *Considerations Regarding Micro Hardness of Parts Manufactured from 316-L Steel Using SLM Technology*, Applied Mechanics and Materials, Vol. 760 , pp. 515-520;
- **Buican, G.R., Oancea, G., Rui, F. M., (2017).** *Study on SLM manufacturing of teeth used for dental tools testing*, MATEC Web Conf., The 4th International Conference on Computing and Solutions in Manufacturing Engineering 2016 - CoSME'16, Vol. 94, pp. 1-10;
- Loios, G., Martins, R.F., Ginjeira, A., Dragoi, M.V., Buican, G.R., (2016). *Fatigue resistance of rotary endodontic files submitted to axial motion in multiplanar canals manufactured by 3D printing*, XVIII International Colloquium on Mechanical Fatigue of Metals (ICMFM XVIII), Procedia Engineering, Vol.160 , pp. 117 - 122;
- **Zaharia S., Buican G., Martinescu I., (2007).** *Analytical Determination of Reliability using the general equation of reliability, used in probabilistic design of mechanical systems*, Challenges in higher education and research in the 21-st century, Technical University of Sofia, Bulgaria;
- **Zaharia S., Buican G., Martinescu I., (2007).** *A study about reliability tests with suspended elements*, Challenges in higher education and research in the 21-st century, Technical University of Sofia, 5-9 june , Bulgaria;