



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **BOGDAN ALEXANDRU / GALDĂU**
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Nationality Romanian
Date of birth July, 1, 1986
Gender male

Occupational field **RESEARCH**

Work experience

Dates	2012-present
Occupation or position held	Research assistant at the Technical University of Cluj-Napoca, Department of Engineering of Mechanical Systems
Main activities and responsibilities	Research activities in field of robotics, computer programming, simulation techniques.
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114 Cluj-Napoca, Romania, www.utcluj.ro
Type of business or sector	Research
Dates	2011-present
Occupation or position held	PhD student at the Technical University of Cluj-Napoca, Department of Engineering of Mechanical Systems
Main activities and responsibilities	Research activities in field of robotics, computer programming, simulation techniques.
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114 Cluj-Napoca, Romania, www.utcluj.ro
Type of business or sector	Research
Dates	2011 – present
Occupation or position held	Manager
Main activities and responsibilities	Manage the activity
Name and address of employer	SC ALDOVAL GUMIT SRL, RO-405100, Campia-Turzii, Cluj, Romania
Type of business or sector	Autovehicles maintenance

Dates 2008-2010
 Occupation or position held Technician
 Main activities and responsibilities Finding solution for clients, equipment installation, maintenance, repair.
 Name and address of employer SC GBA SRL, RO-405100, Campia-Turzii, Cluj, Romania
 Type of business or sector Air conditioning, climatization and ventilation

Dates 2006 – 2010
 Occupation or position held Agent
 Main activities and responsibilities Finding customers and complete contracts
 Name and address of employer BT Asigurari, RO-405100, Campia-Turzii, Cluj, Romania
 Type of business or sector Insurance

Education and training

Education and training 2009 – 2011
 Dates Master degree
 Title of qualification awarded Faculty of Mechanics, Specialization Automobiles and the environment
 Principal subjects/occupational skills Title of work: Research on tire recycling technologies
 Covered Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114, Cluj-Napoca, Romania,
 Name and type of organisation www.utcluj.ro
 providing education and training

Dates 2005 – 2009
 Title of qualification awarded Bachelor degree
 Principal subjects/occupational skills Graduate the Faculty of Mechanics, Specialization Autovehicles
 covered Title of work: Contributions to improve the ignition to spark ignition engines
 Name and type of organisation Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114, Cluj-Napoca, Romania,
 providing education and training www.utcluj.ro

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English**

Self-assessment
 European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Proficient user	B1	Proficient user	B1	Proficient user	B1	Proficient user	B1	Proficient user

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Social skills and competences Communicative, team spirit, honesty, correctitude, responsibility, dynamism.

Organisational skills and competences Good organiser and manager, education and research abilities, problem-solving-attitude, ability to respect deadlines for project activities.

Technical skills and competences Good organiser, research abilities, problem-solving-attitude, ability to respect deadlines for project activities.

Computer skills and competences Matlab, MathCAD, AutoCAD, MS Office, CadnaA, SolidWorks, NX etc.
 Easily adapts to new technologies/software.

Artistic skills and competences Skiing, Football.

Driving licence Driving licence category B since 2004.

Informații suplimentare

Refereed Journal Papers and book chapters (excerpt)

1. T. Itul., **B. Galdau**, D.Pisla.; *Static analysis and stiffness of a 2-DOF parallel device for orientation*, ACTA TECHNICA NAPOCENSIS , Series: Applied Mathematics and Mechanics 55, Vol. III, 2012.

Seminars and Workshops (excerpt)

1. *New Trends in Medical and Service Robots*, Workshop exploratoriu, Cod proiect PN-II-ID-WE-2012-4-018, 2012, Position:
2. *MMKR 2012- International Summer School on Models and Methods in Kinematics and Robotics*, Cod proiect: PN-II-ID-SSA-2012-2-001, 2012,

National Research Grants (excerpt)

1. *Robotic assisted brachytherapy, an innovative approach of inoperable cancers (CHANCE)*, Grant national: PCCA TIP 2, Proiect Nr.: PN-II-PT-PCCA-2011-3.2-0414, Director: Prof. Univ. Dr.-Ing. Nicolae PLITEA, 2012-2015, Pozitie: Membru cheie

Patents

1. Plitea, N., Pîslă, D., Vaida, C., Gherman, B., Szilághyi, A., **Galdău, B.**, Cocorean D.: Robot paralel pentru brahiterapie cu două lanțuri cinematice de ghidare a platformei (acului) de tip 2CRRU și CRU. Număr depunere brevet A/10004/2013, Romania (2013).
2. Plitea, N., Pîslă, D., Vaida, C., Gherman, B., Szilághyi, A., **Galdău, B.**, Cocorean D.: Robot paralel pentru brahiterapie cu două lanțuri cinematice de ghidare a platformei (acului) de tip 2CRRU și CYL-U. Număr depunere brevet A/10005/2013, Romania (2013).
3. Plitea, N., Pîslă, D., Vaida, C., Gherman, B., Szilághyi, A., **Galdău, B.**, Cocorean D.: Robot paralel pentru brahiterapie cu două lanțuri cinematice de ghidare a platformei (acului) de tip CYL-U. Număr depunere brevet A/10006/2013, Romania (2013).
4. Plitea, N., Pîslă, D., Vaida, C., Gherman, B., Szilághyi, A., **Galdău, B.**, Cocorean D.: Robot paralel pentru brahiterapie cu două module paralele, unul pentru poziționare și unul pentru orientare. Număr depunere brevet A/10007/2013, Romania (2013).

I hereby certify that the above statements are true.

Date 23.04.2013

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