


## PERSONAL INFORMATION

## Eugen Valentin Butilă



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 butila@unitbv.ro, bbjeno@gmail.com

 Skype bbjeno

Sex Male | Date of birth 14/11/1975 | Nationality Romanian

## WORK EXPERIENCE

5 Dec 13–Present

**Researcher**

Transylvania University of Brasov, Brasov (Romania)

1 Jun 10–31 May 13

**Postdoctoral researcher**Transylvania University of Brasov  
29, Eroilor, 500036 Braşov (Romania)

Research

**Business or sector** Expert System, Mechanical Design, Virtual Reality

Oct 07–Sep 10

**web designer, financial assistant**Transylvania University of Brasov - Q-Planet  
29, Eroilor, 500036 Brasov (Romania)

Web page developer

Maintenance of web pages

Financial accounting

Oct 07–Sep 10

**web designer, financial assistant**Transylvania University of Braşov - EUE-Net  
29, Eroilor, 500036 Braşov (Romania)

Web page developer

Maintenance of web pages

Financial accounting

Oct 07–Sep 10

**EUE-Net**Transylvania University of Braşov  
29, Eroilor, 500036 Braşov (Romania)

EUE-Net

May 05–Apr 08

**VEGA**Transylvania University of Braşov  
29, Eroilor, 500036 Braşov (Romania)

VEGA

May 05–Apr 08 **EUI-NET**  
 Transylvania University of Braşov  
 29, Eroilor, 500036 Braşov (Romania)  
 EUI-NET

## EDUCATION AND TRAINING

1 Oct 01–15 Sep 08 **PhD**  
 Transylvania University of Brasov  
 29, Eroilor RO-500036 Brasov (Romania)  
 Expert System for Designing Mechanical Transmissions

1 Oct 00–30 Jun 01 **Master Degree**  
 Transylvania University of Braşov  
 29, Eroilor RO-500036 Braşov (Romania)  
 Robotics

1 Oct 95–30 Jun 00 **Bachelor Degree**  
 Transylvania University of Braşov  
 29, Eroilor RO-500036 Braşov (Romania)  
 Industrial Robots

## PERSONAL SKILLS

**Mother tongue(s)** Romanian, Hungarian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	A2
German	A1	A1			

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

**Communication skills** Team spirit;  
 I worked on many projects teams.

**Organisational / managerial skills** Good knowledge of CAD design.  
 Good knowledge of financial.

**Job-related skills** maintenance and repair of electrical equipment's,  
 product design,  
 Industrial robots,  
 Basic financial knowledge

**Computer skills** - Very Good command text editing software: Microsoft Office tools (Word, Excel, Power Point, Outlook,

Visio), Adobe Acrobat Profesional.

- Good command for image editing software: Corel Draw, Photoshop.

- Very good command for design software (CAD/CAM/CAE): CATIA, Solid Works, Auto CAD.

- Good command for programming software: Visual Basic, Delphi.

- Good command for web design language (html, php, java script), and web design software: Adobe Dreamweaver.

- Very good command for Operating System: win95, win 2000, win xp, win 7.

- Basic knowledge of Linux software, network administration, server administration.

Other skills    Trekking, swimming, photographer

## ADDITIONAL INFORMATION

### Projects

- Expanding the Research and Innovation Capacity in Cultural Heritage Virtual Reality Applications - eHERITAGE - H2020-TWINN-2015/H2020-TWINN-2015 contract nr. 692103. 2015-2018

### Memberships

- The European Academic Network for Open Innovation - Ref. number: 542203-LLP-1-2013-1-FI-ERASMUS-ENW - 2014 - financial administrator.
- Digital Cities - THE INTERREG IVC PROGRAMME 2008-2011
- Q-Planet – Quality Placements Network. Contract n. 2007-2589/001-001 Project number: 142308-LLP-1-2008-1-DE-ERASMUS-ECUE 2008-2011 valoare 32.000 Euro
- EUE-Net – European University Enterprise Networkvaloare. 134546-LLP-1-2007-1- RO-ERASMUS-EN Contract n. 2007-2589/001-001 2008-2011 450.000 Euro
- FP6, VEGA – Virtual Reality in Product Design and Robotics, Contract FP6-IST 16565, 2005-2008, valoare 900000 Euro.
- EUI-NET – European University – Industry Network. Contract No: Ref. 116343 - CP -1-2004-1-RO - ERASMUS – TN 2005-2008
- FP6, INTUITION – Network of excellence on virtual reality and virtual environments applications for future workspaces, Contract FP6-IST 507248-2, 2004 -2008, valoare 14.500 Euro.
- FP5, ADEPT – Advanced Computer Aided Design of Ecological Products and Tehnologies Integrating Green Energy Sources, contract tip FP5, G1MA-CT-2002-04038, 2002-2005, valoare 198800 Euro.

### Chapter in book

- Mogan, Gh. L., Butilă, E. V. Expert System for the Total Design of Mechanical Systems with Gears isbn:978-1-4020-2932-5, :2005, Springer, <http://link.springer.com/book/10.1007/1-4020-2933-0>
- Runde C, Girbacia F., Butila E.V., Virtual and Augmented Environments for Concurrent Engineering: Concurrent Virtual Engineering isbn:978-1-4471-4425-0, 2013, Springer, [http://link.springer.com/chapter/10.1007/978-1-4471-4426-7\\_72](http://link.springer.com/chapter/10.1007/978-1-4471-4426-7_72)

### Publication

- Butila E. V. Expert system for designing shaft-bearing-gear transmission assemblies revista:Applied Mechanics and Materials issn:978-303785554-6, 2013, SCOPUS
- Butila E. V.,Panfir A. N., Mogan G. Expert system for coupling selection revista:Applied Mechanics and Materials issn:978-303785733-5, 2013, SCOPUS
- Panfir A.N., Butila E. V., Boboc R., Mogan, G. (2012) Controlling Humanoid NAO Robots Using a Web Interface. 3rd World Conference On Information Technology - WCIT 2012, AWER Procedia. Information Technology and Computer Science, pp1689-1693, ISSN: 2147 – 5105, Volume 3, 01 – 1876.
- Gîrbacia, F., Butilă E., Berau A., (2011) Evaluarea efortului cognitiv de reconstrucție mentală a obiectelor pe baza desenelor tehnice, Revista Română de Interacțiune Om-Calculator pp. 111-114, ISSN 1843-4460 (<http://journals.indexcopernicus.com/abstracted.php?level=5&icid=921135>).
- Gîrbacia, F., Butnaru T., Beraru A., Butilă E. V., Mogan Gh., (2011) A framework for tele-immersive design review of 3D CAD models, Recent Advances in Manufacturing Technology, Proceeding of the WSEAS International Conference on MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS (MEQAPS '11), pag. 199-203.
- Gîrbacia F., Butilă E., Berau A.,(2010): Evaluarea percepției profunzimii prototipurilor virtuale 3D utilizând sisteme imersive CAVE, Revista Română de Interacțiune Om-Calculator 2010 pp. 51-55, ISSN 1843-4460.
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