

## CURRICULUM VITAE



### PERSONAL INFORMATION

First name / Surname

Address 

Telephone 

E-mail 

Nationality

Date of birth

Gender

Desired employment /  
Occupational field

**Ștefan, Bodi**

5 Vasile Alecsandri Street, Ap. 5, 420010 Bistrița,  
Bistrița-Năsăud, Romania

Mobile: +4074022018

stefan.bodi@muri.utcluj.ro

Romanian

22.04.1988

Male

**Lecturer at the Technical University of Cluj-Napoca**

### PROFESSIONAL EXPERIENCE

Period

Occupied work position

Activities and main  
responsibilities

Name and address of  
employer

Type of activities or  
business sector

**October 2014 – Present**

**Assistant lecturer**

Student training and teaching activities in the areas of computer aided design (new product development), computer aided manufacturing and quality management.

Technical University of Cluj-Napoca  
103-105 Muncii Blvd., 400641 Cluj-Napoca, Cluj, Romania

University education.

Period

Occupied work position

Activities and main  
responsibilities

Name and address of  
employer

Type of activities or  
business sector

**May 2014 – November 2015**

**Design researcher**

Design activities for innovative furniture products and designing the corresponding technological processes.

S.C. Smart Furniture S.R.L.  
53 Branului Street, 400641 Cluj-Napoca, Cluj, Romania

Research, 3D design, technology flow design.

Period

Occupied work position

Activities and main  
responsibilities

Name and address of  
employer

Type of activities or  
business sector

**November 2013 – September 2014**

**Technology transfer specialist**

Technology and research transfer activities to the industry

Danube Transfer Center Cluj-Napoca  
103-105 Muncii Blvd., 400641 Cluj-Napoca, Cluj, Romania

Research, technology transfer, innovation training for companies

Period

Occupied work position

Activities and main  
responsibilities

Name and address of  
employer

Type of activities or  
business sector

**October 2011 – July 2013**

**Research internship**

Research activities, volunteer at Interuniversity Research Centre for Quality Management and Engineering.

Technical University of Cluj-Napoca  
103-105 Muncii Blvd., 400641 Cluj-Napoca, Cluj, Romania

Research, development, innovation in quality management and engineering and design for quality.

**EDUCATION AND TRAINING**

Period	<b>October 2013 – September 2017</b>
Title of qualification awarded	<b>Ph.D.</b> of management and engineering Topic: Research and contributions regarding the use of the virtual environment for supporting quality management
Principal subjects covered /professional skills acquired	<ul style="list-style-type: none"> <li>- quality management and engineering;</li> <li>- quality management techniques and tools;</li> <li>- industrial metrology;</li> <li>- statistical process control;</li> <li>- process improvement through simulation.</li> </ul>
Name and type of organisation providing education and training	Technical University of Cluj-Napoca
Period	<b>October 2011 – July 2013</b>
Title of qualification awarded	<b>Master of engineering</b> in Quality Management and Engineering
Principal subjects covered /professional skills acquired	<ul style="list-style-type: none"> <li>- quality management and engineering;</li> <li>- quality engineering techniques and tools;</li> <li>- industrial metrology;</li> <li>- design for quality and environment;</li> <li>- six sigma;</li> <li>- intellectual property management;</li> <li>- integrated management systems;</li> <li>- methods and equipment for industrial process control;</li> <li>- geometrical product specification.</li> </ul>
Name and type of organisation providing education and training	Technical University of Cluj-Napoca
Period	<b>12-14 December 2011</b>
Title of qualification awarded	ISO 9001:2008 Internal Quality Auditor
Principal subjects covered /professional skills acquired	- auditing quality management systems using the ISO 9001:2008 standard requirements
Name and type of organisation providing education and training	S.C. Calitop S.R.L.
Period	<b>August 2010 – December 2010</b>
Title of qualification awarded	<b>Erasmus mobility</b>
Principal subjects covered /professional skills acquired	<ul style="list-style-type: none"> <li>- automating manufacturing processes;</li> <li>- industrial process control softwares;</li> <li>- practical activity: developing an educational production line;</li> <li>- computer programming using “.net” language;</li> <li>- manufacturing equipment maintenance.</li> </ul>
Name and type of organisation providing education and training	HAMK – University of applied sciences, Finland

Period  
 Title of qualification awarded  
 Principal subjects covered /professional skills acquired

**October 2007 – October 2011**  
**Bachelor of Engineering in Robotics**  
 - robot mechanics;  
 - robot engineering;  
 - robotized manufacturing;  
 - manufacturing processes technology;  
 - industrial software;  
 - computer aided design;  
 - flexible manufacturing systems.

Name and type of organisation providing education and training

Technical University of Cluj-Napoca

Period  
 Title of qualification awarded  
 Principal subjects covered /professional skills acquired

**September 2003 – October 2007**  
**High school diploma**  
 - computer programing;  
 - mathematics;  
 - physics;  
 - chemistry;  
 - English;  
 - German.

Name and type of organisation providing education and training

“Andrei Mureșanu” National High School of Bistrița

**PERSONAL SKILLS**

Mother tongues  
 Other languages

**Hungarian, Romanian**  
**English, German**

Self-assessment  
 European level (\*)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Listening		Reading	
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(\*) Common European Framework of Reference for Languages

Social skills and competences

- team work: I've acquired teamwork skills both within the research team of the university and during academic studies, by participating in various practical activities and projects (both national and international);  
 - trainings in: communication; leadership; team building; management; marketing; technology transfer; international cooperation.

Organisational / managerial skills and competences

- perseverance; objectivness; dynamic personality; desire for self-improvement; professional discipline; balanced in stressful situations.

Technical skills and competences

- design skills in Mechanical Engineering and Robotics;  
 - design, planning and simulation of processes for existing or newly developed products;  
 - metrology and measurement using CMM's;  
 - basic knowledge in optimal designing.

## Computer skills and competences

- advanced programming knowledge in C++, FoxPro, Java languages;
- basic programming knowledge in html language;
- advanced modeling knowledge in 3D CAD in CATIA (12 modules), SolidWorks, Autodesk AutoCAD, Autodesk Inventor;
- average knowledge in offline robot programming in RobotStudio;
- advanced knowledge in high precision measurement using PowerInspect;
- advanced knowledge in high precision laser scanning and 3D reconstruction using VX Elements;
- advanced knowledge in process simulation using SigmaFlow Modeler;
- advanced user in Microsoft Office and various Windows-compatible programs;
- average knowledge in text interpretation with semantic analysis using Tropes v8.4;
- other software knowledge: LabVIEW; Qualica QFD and Planning Suite; Rektron FMEA; Mathcad.

## Driving licence

A, BE, CE vehicle category driving licence.

**ADDITIONAL INFORMATION**

## Professional results

- Participant as a researcher in the implementation of 6 international research/educational projects;
- Organizing committee member of the 2012 International Conference on Quality and Innovation in Engineering and Management (QIEM) and of the 2014, 2016 International Conference on Production Research & QIEM;
- Best paper award at the 3rd IETEC & 7th BRCEBE 2015, Sibiu.

## Conferences

- Entrepreneur Sustainable Future, 27-28 September 2011, 15-16 March 2012 and 16-18 May 2012, Cluj-Napoca, Romania;
- 2<sup>nd</sup> International conference on Quality and Innovation in Engineering and Management (QIEM), 21-25 November 2012, Cluj-Napoca, Romania;
- Disruptive Innovation in Manufacturing Engineering – Towards the 4<sup>th</sup> Industrial Revolution, 3<sup>rd</sup> October 2013, Cluj-Napoca, Romania;
- 11<sup>th</sup> International Scientific Conference on Coordinate Measuring Technique, 2-4 April 2014 Bielsko-Biala, Poland;
- 2014 International Conference on Production Research & 3<sup>rd</sup> International Conference on QIEM, 1-5 July 2014, Cluj-Napoca, Romania;
- MakeLearn and TIIM Joint International conference, 27-29 May 2015, Bari, Italy;
- 12<sup>th</sup> International conference on Modern Technologies in Manufacturing, 14-16 October 2015, Cluj-Napoca, Romania;
- 3<sup>rd</sup> International Engineering and Technology Education Conference & 7<sup>th</sup> Balkan Region Conference on Engineering and Business Education, 1-4 November, Sibiu, Romania;
- 2016 International Conference on Production Research & 4<sup>th</sup> International Conference on QIEM, 25-30 July 2016, Cluj-Napoca, Romania.

## References

- Prof. Univ. Dr. Ing. Popescu Sorin, e-mail: [sorin.popescu@muri.utcluj.ro](mailto:sorin.popescu@muri.utcluj.ro);
- Prof. Univ. Dr. Ing. Popescu Daniela, e-mail: [daniela.popescu@muri.utcluj.ro](mailto:daniela.popescu@muri.utcluj.ro);
- Conf. Dr. Ing. Dragomir Mihai, e-mail: [mihai.dragomir@muri.utcluj.ro](mailto:mihai.dragomir@muri.utcluj.ro).