



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **ALIN / STOICA**
 Address(es) 352, RO-547125, BOGATA, MURES, ROMANIA
 Telephone(s) Mobile: (+40)-752-346800
 Fax(es)
 E-mail stoicalin1985@yahoo.com
 Nationality Romanian
 Date of birth May, 21, 1985
 Gender male

Occupational field **RESEARCH**

Work experience

Dates 2009-present
 Occupation or position held Researcher/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, CAD design, simulation techniques, kinematics and dynamics of parallel robots for surgical applications.
 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

Education and training

Dates 2009 – 2011
 Title of qualification awarded Master of Science
 Principal subjects/occupational skills covered Advanced Design and Informatics Applied in Mechanics
 Name and type of organisation providing education and training Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114, Cluj-Napoca, Romania, www.utcluj.ro
 Dates 2004 – 2009
 Title of qualification awarded Bachelor degree
 Principal subjects/occupational skills covered Graduate the Faculty of Machine Building, Specialization Industrial Robots
 Title of work: Cassino Hexapod: experiences and new leg design.
 Name and type of organisation providing education and training Technical University of Cluj-Napoca, Memorandumului, 28, RO-400114, Cluj-Napoca, Romania, www.utcluj.ro

Other language(s) **English**

Self-assessment

European level (*)

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B1	B1	B1

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

Social skills and competences	Team spirit, honesty, correctitude, responsibility, communicative, dynamism
Organisational skills and competences	Able to work well in teams, flexible in assignments, good organiser, research abilities, able to work under tight deadlines.
Technical skills and competences	Ability in kinematic and dynamic modelling of robots, CAD modelling of robots, engineering design. Writing some scientific papers in ISI and BDI journals. Participation at international conferences.
Computer skills and competences	Matlab, MathCAD, LabVIEW, AutoCAD, Solid Works, Solid Edge, Catia, Corel DRAW, MS Office Easily adapts to new technologies/software
Artistic skills and competences	Football, tennis, bike rides, movie
Other skills and competences	March – June 2009 Erasmus student at University of Cassino, Cassino, Italy 2000 – 2004 Industrial High School Ludus , Mures, specialization: Mathematics - Informatics
Driving licence	
Additional information	Scientific activity (entire career)
Annexes:	Published papers in ISI journals, SCI journals, national and international conferences and congresses: 4
Annexes:	Papers published in ISI and BDI journals and at international and national conferences
	<ol style="list-style-type: none"> 1. Pislă, D., B. Gherman, N. Plitea, B. Gyurka, C. Vaida, L. Vlad, F. Graur, C. Radu, M. Suciuc, A. Szilaghi, A. Stoica: <i>PARASURG Hybrid Parallel Robot for Minimally Invasive Surgery</i>, Chirurgia , 106(5), pp. 619-625, 2011. 2. M. Suciuc, B. Gherman, C. Vaida, N. Plitea, A. Stoica, D. Pislă: <i>On the Kinematics of a Hybrid Parallel Robot used in Minimally Invasive Surgery</i> in Mechanisms, Transmissions and Applications, Vol. 3, Springer, ISBN 978-94-007-2726-7, MeTrApp 2011, Timișoara, 2011. 3. T. Itul, D. Pislă, A. Stoica: <i>Kinematics and Design of a Simple 2-DOF Parallel Mechanism used for Orientation</i>, 3rd European Conference on Mechanism Science (EUCOMES), Universitatea Tehnică din Cluj-Napoca, 14-18 Septembrie, 2010. 4. A. Stoica, G. Carbone, M. Ceccarelli, D. Pislă: <i>Cassino Hexapod : Experiences and New Leg Design</i>, Proceedings of 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010, pp. 338-344, Cluj-Napoca, Romania.

I hereby certify that the above statements are true.

Date 20.12.2011

