

PERSONAL INFORMATION

Tucan Paul-George-Mihai

 30, Main St., Văleni, Cluj, 407126, Romania

 0757-678-689

 ptucan@mail.utcluj.ro

 [State personal website\(s\)](#)

Sex Male | Date of birth 18/01/1987 | Nationality Romanian

WORK EXPERIENCE

2014-present

Research Assistant within Research Centre for Industrial Robots Simulation and Testing

(CESTER <http://www.cester.utcluj.ro>)
 Technical University of Cluj-Napoca (<http://www.utcluj.ro>)
 Scientific Research activity.

2011-2014

HEAD of MACHINING

Manufacturing parts according to a production plan. Finishing parts according to a delivery plan. Managing human resources within Machining Unit. Implementing and operating SAP software. Writing projects for unit development and modernization. Creating Bill of Materials. Leader of a maintenance team

EDUCATION AND TRAINING

2010-2012

Master Degree

Technical University of Cluj-Napoca, Faculty of Machine Building, Specialisation Robotics

2006-2010

Engineer Degree

Technical University of Cluj-Napoca, Faculty of Machine Building, Specialisation Robotics

2002-2006

Baccalaureate Degree

Theoretical Lyceum "Avram Iancu", Cluj-Napoca, Specialisation Mathematics-informatics.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
French	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills Versatile, communicative, honesty, correctitude, responsibility, hard worker,

Organisational / managerial skills Good organiser and manager, open-minded, problem-solver attitude.

Job-related skills	Technical thinking, ability to take good decisions in short period of time and under stress conditions.
Computer skills	MS Office,C++, MathCAD, Siemens NX,SolidWorks, AutoCAD, Corel DRAW, JAVA,JavaScript, HTML,Catia, Delmia,3DMaxStudio, MatLab, Pascal,
Other skills	Writing
Driving licence	Category B

ADDITIONAL INFORMATION

Co-author of 5 scientific papers:

1. D.Pîslă,B.Gherman,**P.Tucan**,C.Vaida,C.Govor, N.Plitea-"On the Kinematics of an Innovative Parallel Robotic System for Transperineal Prostate Biopsy", 14th World Congress in Mechanism and Machine Science, Taipei,Taiwan,25-30 ,2015.
2. C.Vaida,D.Pîslă,**P.Tucan**,C.Govor,B.Gherman,N.Plitea-"An innovative robotic structure designed for transperineal prostate biopsy", 14th World Congress in Mechanism and Machine Science, Taipei,Taiwan,2015.
3. C.Vaida,**P.Tucan**,D.Pîslă-"Parametric Modeling for Analyzing Diseases of the Human Spine",ICOME ,Craiova , 2015.
4. D.Pîslă,**P.Tucan**,B.Gherman,N.Crișan.N.Plitea,-"Graphical Simulation System for Funcțional Analysis of a Parallel Robot for Transperineal Prostate Biopsy", ICOME,Craiova 2015.
5. D.Pisla, D.Ani,C.Vaida,B.Gherman,**P.Tucan**,N.Plitea, BIO-PROS-2: an innovative parallel robotic structure for transperineal prostate biopsy,International Conference on Automation, Quality and Testing,Robotics, May 2016.
6. J.Schadlbauer, C.Vaida,**P.Tucan**, D Pisla, M. Husty, N. Plitea , A complete analysis of singularities of a parallel medical robot, Advances in Robot Kinematics, France 2016

Co-author of 2 invention patents:

1. N.Plitea,D.Pîslă,C.Vaida,B.Gherman,P.Tucan,C.Govor,F.Covaciu,-"Familie de roboți paraleli pentru biopsia transperineală a prostatei",2015.
2. C. Vaida, D. Pisla, P. Tucan, N. Plitea, B. Gherman: Robot paralel pentru biopsia transperineală a prostatei. In curs de brevetare: 00761/26.10.2015