

PERSONAL INFORMATION

PAUL PETRU BERE



 . Fortăreței Str. no. 3 RO - 400091, CLUJ, Cluj-Napoca Romania

 Tel: 0264-401729  Mobil: 0040-0744-695349

 bere\_paul@yahoo.com

Sex m | Date of birth 28.05.1967 | Nationality Rumanian

JOB APPLIED FOR POSITION

Technical University of Cluj Napoca Romania/ Faculty of Machine Building/ Department of Manufacturing Engineering/ Lecturer

WORK EXPERIENCE

<p>Dates (2013 – Present )</p>	<p><b>Lecturel Technical University of Cluj-Napoca</b>                  Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO                  Research and teaching activities regarding plastic and composite materials, Rapid prototyping and rapid manufacturing technology                  ▪ Sector: Education</p>
<p>Dates (2009 – 2013 )</p>	<p><b>Postdoctoral researcher Technical University of Cluj-Napoca</b>                  Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO                  ▪ Research theme: „Research regarding rapid manufacturing of composite materials”                  ▪ Research and teaching activities                  ▪ Sector: Education</p>
<p>Dates (1994 – present)</p>	<p><b>Professor gr.I Children's Palace Cluj</b>                  Children's Palace Cluj, Republicii Str. 23 No. Cluj-Napoca, RO                  ▪ Teaching activities                  ▪ Sector: Education</p>
<p>Dates (2002 – 2009)</p>	<p><b>Doctor of Engineering</b>                  Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO                  ▪ Research theme „Theoretical and experimental researches regarding the manufacturing and mechanical behaviour of the tubes made from polymeric composite materials”                  ▪ Research and teaching activities                  ▪ Sector: Education</p>
<p>Dates (1991 – 1994)</p>	<p><b>Mechanic, Servagromec S.A.</b>                  Servagromec SA.,. Alex. Vaida. Voevod Str. 59 No, Cluj-Napoca,RO                  ▪ Production Activity                  ▪ Sector: Industrial</p>
<p>Dates (1987 – 1991)</p>	<p><b>Operator oxygen</b>                  Metallurgic Factory, Laminoristilor Str. 145 No. Câmpia –Turzii, Cluj, RO                  ▪ Maintenance Activity Specifically in the industrial domain                  ▪ Sector: Industrial</p>

EDUCATION AND TRAINING

**Dates (2002 – 2009) Doctor of Engineering**  
 Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO  
 ▪ Mechanical engineering. Polymer composite materials research. Strength of materials,

**Dates (2003 – 2004) Master specialization**  
 Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO  
 ▪ Modern technology of manufacturing composite and plastic parts  
 ▪ Manufacturing Technologies from plastic and MC parts. Rapid prototyping technologies.

**Dates (1997-2002) Engineering degree**  
 Technical University of Cluj-Napoca, Materials Science and Engineering Faculty, Bd-ul Muncii, no. 103-105, 400 641, Cluj-Napoca  
 ▪ ENGINEERING AND MANAGEMENT MANUFACTURE MACHINERY  
 ▪ Mechanical Engineering. Study of materials. Machinery and processing technology by plastic deformation.

**PERSONAL SKILLS**

**Mother tongue(s)** Romanian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B1	B2	B1	B1
Certificate of Linguistic Competence					
Frances	A2	A2	A1	A2	A1
Basic user					

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

**Communication skills**  
 ▪ Lecturer al Technical University of Cluj-Napoca, the Faculty of Machine Building, Bd-ul Muncii,. 103-105 No, 400641, Cluj-Napoca, RO  
 ▪ Professor at the Children’s Club since 1994

**Organisational / managerial skills**  
 ▪ I was manager of a private company 16 years;  
 ▪ I’m national coach of Romania, air model gliders, F1E type and I participated in various international competitions;  
 ▪ I organized various sports competitions with students  
 ▪ Organization of the 14 edition of the national airplane competition

**Job-related skills**  
 ▪ Manufacturing technology of plastics and composite parts,  
 ▪ Reparation of composite structures,  
 ▪ Calculation of composite structures,  
 ▪ Design, development, processing and repair of composite parts  
 ▪ Design, development, processing and repair of plastic parts,  
 ▪ Construction of model airplane made of composite materials  
 ▪ Technologies for rapid prototyping and manufacturing products  
 ▪ Manufacturing moulds for composite material laminates  
 ▪ Manufacturing moulds for plastic injection

- Computer skills**
- Good command of - MS-DOS, Windows (98, NT, 2000, ME, XP,)
  - MS Office (Word, Excel, PowerPoint),
  - AUTOCAD and Solid Works
- Other skills**
- I am performance sportsman in air model domain since 1979
  - I participated in the team to the different races since 2000 to present in the world Championships in motor Sport domain Formula 3, DTM, Le Mans series, Formula 1 race cars. I am manufacturing and fix composite materials structures in this domain.
- Driving licence**
- B

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**ADDITIONAL INFORMATION**

- Publications** ▪ A course support book „Materiale compozite polimerice “;
- Presentations** ▪ Articles published in proceedings of conferences or journals: more than 30 articles
- Projects** ▪ ISI - 16 articles
- Conferences** ▪ Database indexed - 15 articles
- Seminars** ▪ Scientific Conference participation : more than 15 articles
- Honours and awards** ▪ Two patents at OSIM under evaluation
- Memberships** ▪ Research project, agreement: 8
- References** ▪ I Master of Sports since 2006
- I Coach Emeritus since 2008
- Founder member of ROCIA Association (Composite Manufacturers Association from Romania)
- I am sportsman legitimated at the Romanian Federation of Modelling since 1979
- I am a member of the International Aeronautical Federation FAI
- I am the president of Politehnica Cluj-Napoca airplane club

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**ANNEXES**

- Publications list or research.