

PERSONAL INFORMATION



**Gabriel NĂSTASE**

 Braşov, România



 [gabrielnastase@unitbv.ro](mailto:gabrielnastase@unitbv.ro)

Sex Male | Date of birth | Nationality Romanian

PRESENT JOB POSITION STUDIES APPLIED FOR

**Assoc. prof. at the Building Services Department  
Pedagogy, Engineering**

WORK EXPERIENCE  
October 2009-present

**Assoc prof. at the Building Services Department**

Transylvania University of Brasov, Civil Engineering Faculty, Romania

- Refrigeration, Cryogenics, Excel, Scilab, Technical Drawing, AutoCAD

*Business or sector* Pedagogy, engineering

October 2017-present

**Associate teacher Department of Thermotechnics, Engines, Thermal and Refrigeration Equipment**

Politehnica University of Bucharest, Faculty of Mechanical Engineering and Mechatronics, Romania

Refrigeration Lab, Cryopreservation Lab, Intelligent buildings Mechatronics

*Business or sector* Pedagogy, engineering

July 2007-Present

**Building Services Designer Engineer**

SC HEAT TRANSFER SRL, Brasov, Romania

- Design Building Services Projects (sanitary, firefighting, HVAC); Site tracking, Price offers, Cost estimates.

*Business or sector* Building Services Design, Building Services Execution

EDUCATION AND TRAINING

August 2016-June 2017

Postdoc

- Mechanical Engineering Department, University of California Berkeley, USA
- Isochoric preservation
- 3D printing

August – September 2015  
October 2009-2014

**European Course of Cryogenics – Germany, Poland, Norway**

PhD “Contributions to the reductions of energy consumptions through the superior valorization of solar contributions”

- Building Services Faculty, Technical University of Civil Engineering, Bucharest, Romania

Octombrie 2007-Februarie 2009  
October 2007-February 2009

**Double-skin façade in Romania;**

Master in Energy Modernization in Built Environment

Octombrie 2002-Iulie 2007  
October 2002-July 2007

**Design Energy Efficient Building Services Projects;**

Building Services Engineer Diploma

- Transylvania University of Brasov, Buildings Faculty, Romania

Septembrie 1998-Iulie 2002

**Design Building Services Projects;**

Baccalaureate Diploma

September 1998-July 2002 ▪ "Nicolae Titulescu" High School

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		OTHER LANGUAGE(S)		UNDERSTANDING
	Listening	Reading	Listening	Oral speech	Listening
English	Good	ENGLISH	Good	ENGLISH	Good
Replace with name of language certificate. Enter level if known.					

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

Communication skills ▪ Ability to listen;  
▪ Clarity and Conciseness.

Organisational / managerial skills ▪ Sets Clear Goals and Performance Expectations;  
▪ Provides Ongoing and Constructive Feedback;  
▪ Understands and Articulates a Clear Vision;  
▪ Strategic Thinking and Business Development.

Job-related skills ▪ Well-organized and detail minded;  
▪ Reliable and punctual with an excellent attendance record;  
▪ Flexible;  
▪ Able to work independently or in a team-oriented environment;  
▪ Maintain a positive, professional attitude with students and colleagues;  
▪ Dedicated to achieving personal and professional goals;  
▪ Problem solver with the ability to prioritize tasks;  
▪ Enthusiastic and enjoy meeting new people;  
▪ Strong interest in helping and working with others;  
▪ Motivated to learn new skills through on-the-job training;  
▪ Quick learner.

Computer skills ▪ Operating Systems: Microsoft Windows;  
▪ Office Applications: Microsoft Office (Word, Excel, Power Point), Open Office;  
▪ Graphics: Corel Draw, Corel Photopaint;  
▪ Designing: AutoCAD (2D and 3D excellent), Pro Engineer, Catia, Inventor (basic);  
▪ Modelling and Simulation: ANSYS Mechanical, ANSYS CFX and COMSOL Multiphysics  
▪ Internet: Chrome, Microsoft Internet Explorer, Opera, Yahoo Email, GMail etc.;  
▪ Network: Configuration, Exploiting.

Other skills ▪ Reading, Sports, Music, Movies, Communications, Drawing and Photography

Driving licence ▪ Romania – B  
▪ USA – California – class C

INFORMATII SUPLIMENTARE

Publications ▪ 9 books  
Presentations ▪ 12 Impact factor papers in various international journals;  
Projects ▪ Web of Science WOS ISI h-index = 8, Scopus h-index = 9, Google scholar h-index = 10  
Conferences ▪ 12 articles published in internationally recognized conferences, listed ISI Web of Science or Arts & Humanities;  
Seminars ▪ Over 50 articles and participations in national and international building services conferences;  
Honours and awards

## Memberships

## References

- Reviewer for various internationally recognized impact factor journals
- Grade IIA + IIB design electrical installations up to 1 kV;
- Water Company Brasov - water utility network design engineer;
- Authorization for design signalling and fire extinguishing systems;
- Association of Plumbing Engineers in Romania AIIR - Branch secretary and member;
- ASHRAE Member; AFCEM Member; CSA Member