



# Gabriel-Dumitru Tcaciuc

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## WORK EXPERIENCE

07/2017 – 08/2018 Iași, Romania

**MECHANICAL ENGINEER ASSYSTEM**

Project P21 (Peugeot 210 Europe)

- uploading 3D parts and drawings from the suppliers into the PSA database using Enovia v6;
- modifications of existing parts according to the work sheet;
- PLM activities for parts and subassemblies.

01/10/2022 – CURRENT Iași, Romania

**ASSISTANT LECTURER IN UNIVERSITY "GH. ASACHI" TECHNICAL UNIVERSITY OF IAȘI**

- activities with students including:
  - seminars and laboratory;
  - designing and making laboratory equipment;
- scientific research in the fields of Heat Transfer, Thermodynamics and Numerical Simulation;
- development of digital tools using C Sharp and Acquisition Boards (Arduino, ESP32) for the purpose of data acquisition and interpretation;

## EDUCATION AND TRAINING

10/2013 – 07/2017 Iași, Romania

**MECHANICAL ENGINEER** Faculty of Mechanical Engineering, "Gheorghe Asachi" Technical University

General

- calculus;
- thermodynamics;
- strength of materials;
- heat transfer;
- machines elements;
- technical drawing;
- CAD;
- fluid mechanics.

10/2017 – 07/2019 Iasi, Romania

**MASTER'S DEGREE IN THERMAL MACHINES, REFRIGERATION AND AIR CONDITIONING** Faculty of Mechanical Engineering, "Gheorghe Asachi" Technical University

10/2019 – CURRENT Iași, Romania

**PH.D. IN MECHANICAL ENGINEERING** Faculty of Mechanical Engineering, "Gheorghe Asachi" Technical University

**Field of study** Heat transfer

## LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● **JOB-RELATED SKILLS**

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### **Job-related skills**

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- decent in tackling different technical problems, theoretically and practically.

Link [https://www.youtube.com/watch?v=r5fTRm8FE0I&t=4s&ab\\_channel=tun3TT](https://www.youtube.com/watch?v=r5fTRm8FE0I&t=4s&ab_channel=tun3TT)

## ● **DIGITAL SKILLS**

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C Sharp | Microsoft Office | CAD modelling with Catia V5 | MATLAB | Fluent Flow | Autocad 2D

## ● **HOBBIES AND INTERESTS**

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Chess, Video Game Level Design, Home Projects

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## ● **DRIVING LICENCE**

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Driving Licence: B