

PERSONAL INFORMATION

Mihai Stelian NICULAE



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Sex Male | Date of birth 30/10/1992 | Nationality Romanian

WORK EXPERIENCE

1 April – 1 June 2015

Intern „Drive your future 2015”

Automobile Dacia, Street: Uzinei nr. 1, Mioveni, Argeș.

▪ Engineering departament – Mechanical Tests

During this internship I gained knowledge about the construction and functioning of the engine test bench, optimization steps and engine control softwares.

During this period I used engine bench to make tests and I performed the level 1 and 2 analysis for the results. At the final of the internship I wrote an internship report.

Internship theme: Energetic optimization of internal combustion engines. Calibration of the air filling system for a spark-ignition engine equipped with dual VVT

18 June – 30 September 2014

Erasmus student

S.C. Firma Polkowski S.R.L, Polkowice, Poland

During Erasmus program I gained knowledge related to the manufacturing process of cars, how internal combustion engines works (spark-ignition engines and compression-ignition engines), knowledge and skills to solve specific problems for a wide range of cars and information about safety system and anti-theft systems.

During this period I worked in a car service and I maintained a proper functioning for a company car fleet. At the end of the Erasmus program I created a website and I wrote an academic paper. Also, this period was a big influence for my personal development.

EDUCATION AND TRAINING

October 2011 – July 2015

Automotive Engineer Degree

University of Pitești, Faculty of Mechanics and Technology , Specialization : Automotive

The main subjects studied:

Technical drawing, Thermodynamics, Strength of Materials, Mechanics, Mechanisms, Mathematical analysis, Special Mathematics, Electrical Engineering, Vehicle dynamics, Manufacturing/Repairing of cars, Processes and characteristics of internal combustion engines, Automotive reliability, Calculation and construction of internal combustion engines, Calculation and construction of cars, Electronic automotive equipment, Computer Aided Design: Catia, Computer Aided Design: Autocad, Calculation and construction of auxiliary equipment, Vehicle diagnostics, Vehicle-body and structural analysis, Unconventional propulsion systems, Economicity of vehicles, Automotive mechatronics, Automotive testing and certification, Noise harshness and vibration control, Automatic transmissions.

September 2007- June 2011

High School Diploma

National High School: Vadimir Streinu – Găești

The main subjects studied:

Mathematics, Physics, Chemistry, Romanian, English, German etc.

PERSONAL SKILLS

Natal language Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	A2
English				
A1	A1	A1	A1	A1
French				
A1	A1	A1	A1	A1
German				

General skills

- I acquired good communication skills and self control by sustaining presentations in student circles of communication.
- By participating in Erasmus program and Kart Low Cost competition in 2014 I acquired good organizational skills and teamwork experience.
- During the internship "Drive your future 2015" I developed the ability to adapt quickly to any work conditions.
- As a result of the activities I did by participating in the development of several projects, I have developed skills such as positive thinking, team spirit, ability to interact with others, ability to work in multicultural environments.

Organisational / managerial skills

- During the study program, I developed good organisational skills by participating in group projects and presentations that required the involvement of a large number of university students

Job-related skills

- During the internship program in Dacia Renault Group I developed the ability to work in a team, in an industrial environment, the ability to adapt to new situation and effectiveness in time management

Computer skills

- A good knowledge of: Catia, Autocad, Microsoft Office™, Photoshop, Lightroom
- Familiar with the interface of: ETAS Inca, AVL Indicom, D2T Morphee, AVL Concerto, D2T DDT2000

Publications

- Important characteristics to consider while buying a vehicle online – DWSPiT Polkowice, Polonia 2014

Presentations

- Auxiliary heating systems for vehicles ;University of Pitești - May 2013 – Second place
- The development of new evaluation criteria for supercharged engines based on elasticity and adaptability; University of Pitești - May 2014 – First place
- Study of stratified mixtures in gas direct injection engines University of Pitești - May 2014 - Third place
- The development of new evaluation criteria for supercharged engines based on elasticity and adaptability – Applying the method for Iveco Daily and Mercedes Unimog; University of Pitești - May 2015 – First place
- Energetic optimization of internal combustion engines. Calibration of the air filling system for a spark-ignition engine equipped with dual VVT; Dacia-Renault Group 2015

Extracurricular activities

- 28 July-19 September 2014
2014 During Erasmus program I worked in the town hall of Polkowice, Poland .
I participated in the training program regarding manufacturing of metal seat structures, Volkswagen Sitech, Polkowice, Poland.
- 30 September 2014 I provided IT support, both software and hardware for institutions: Szkoła podstawowa No.3, Szkoła podstawowa No.1, Polkowice, Poland
- 11 September 2014 I participated in a program that supports renewable energy, sustained by the Starostwo Powiatowe institution, Polkowice, Poland
- 1 July-15 July 2013
2013-present At the end of the second year of faculty I had a two week internship in a car service
During my student years I realized informative projects for the students and I managed the bulletin board of the University of Pitesti
- 2014
2013-present I participated in the Kart Low Cost competition in 2014 at the University of Pitesti
Im did educational purposes visits in the following companies:
Automobile Dacia Plant, Mioveni
Renault Technologie Roumanie, Titu
Sitech Volkswagen, Polkowice, Poland
IFA, Berlin
Logistic centre Action, Warsaw, Poland
Auto Parts, Topoloveni
- 2012-present I attended at presentations sustained by:Dacia-Renault, Leoni, AVL, RIAN & Partners, SRI, Johnson Controls,Nobel Automotive
- 2014
2013-2014
2012 During Erasmus program I did volunteer work for cleaning the litter
I attended to toys raising campaigns for children without opportunities in Arges, Romania
With the other students I equipped the dynamics laboratory with teaching equipment at the Faculty of Mechanics and Technology
- Other skills Passionate about photography and computer graphics
- Hobbies Cycling , swimming, tennis, basket, mountain hiking, reading, traveling
- Driving licence ▪ B Category