

# Pedro Henrique Ponzoni Favero







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## MY PROFILE

Professional, responsible and goal oriented mechanical engineering student, with experience in managing and developing engineering projects in different areas. Quick learner and adaptable, always looking for self-development, interested in new technologies, product development, energy production, thermal sciences and project management.

## EDUCATION

-  09/2018 – Currently  
 Eindhoven, Netherlands  
**Mechanical Engineering**  
**Technical University Eindhoven – TU/e**  
Classified as first at the selection process in the Mechanical Engineering Department at UFSC for a one-year scholarship.
-  03/2014 – Currently  
 Florianópolis, Brazil  
**Mechanical Engineering**  
**Federal University of Santa Catarina – UFSC**  
Cumulative GPA: 9.2/10

## PROFESSIONAL EXPERIENCES

-  08/2015 – 07/2018  
 Florianópolis, Brazil  
**Intern**  
**PET-MA**  
Group formed by 12 engineering students from the Federal University of Santa Catarina (UFSC), focused on technical and management training, in which the members perform technical activities under the guidance of a PhD professor, with emphasis on self-development and teamwork.  
  
**Main Activities**
  - As the Group's Project Manager, managed a portfolio of eight different projects being developed by eleven people;
  - Developed four technical projects working in multidisciplinary teams;
  - Active role in the strategic planning of the group, involved in setting goals, evaluating indicators and strategic results;
  - Organized the selection process for the group, courses and events;
  - Performed several technical and non-technical presentations.  
**Developed Projects**
  - Analysis of thrust generated by hybrid combustion (LABCET – UFSC);
  - Cost analysis of the production of a heat exchanger ( LABTUCAL – UFSC);
  - Development of a suspension mechanism for an internal ducts inspection module (LABMETRO – UFSC);
  - Mechanical design for adding two movement axis to a laser welding machine (LMP-UFSC).

01/2018 – 02/2018  
Liberec, Czech Rep.

### Intern

#### Technical University of Liberec

Part of the UNIGOU program of scientific internships, in which the selected Brazilian students develop academic and scientific projects in their areas of formation in research centers of Czech institutions.

#### Developed project

-The use of Microsoft Kinect and Tecnomatix Jack in ergonomic studies.

06/2014 – 08/2015  
Florianópolis, Brazil

### Financial Manager

#### I9 Consultoria

Junior Enterprise managed exclusively by mechanical engineering students from the Federal University of Santa Catarina (UFSC), in which students manage projects for companies and institutions.

#### Main Activities

-Restructuring of the company's refund policy;  
-Financial planning of the company.

## ADDITIONAL COURSES

11/2017  
Florianópolis, Brazil

### Internal Combustion Engines Course: Theory and Practice

#### LABCET - UFSC

This course was part of the subject "Analysis of thermal machines and Systems", and approached the basic theory behind internal combustion engines, also giving the opportunity for the students to disassemble an engine, analyze the parts and assemble it back again.

## ORGANIZED EVENTS

03/2017  
Florianópolis, Brazil

### IV Circuito de Empreendedorismo (Entrepreneurship Circuit)

Organized a three-day event, involving six lectures and a competition for young entrepreneurs, with the aim of stimulating entrepreneurship at the university with more than 180 participants and external sponsorship.

06/2016  
Florianópolis, Brazil

### Financial Market Event

Organized a two-day event aimed at introducing the financial market to engineering students of UFSC. The event had more than 80 participants and an external sponsorship.

07/2016  
Florianópolis, Brazil

### PET-MA Technical Visits

Organized the annual technical visits trip of the group, in which the participants visited six companies during one week in three different cities.

## LANGUAGES

Portuguese (Mother Tongue)  
English (107/120 TOEFL iBT)

## COMPUTER SKILLS

MS Office;  
SolidWorks, Tecnomatix Jack, Matlab;  
MS Project, Simulink, Corel Draw, ANSYS Workbench.