

# GrégoireGentile

Mechanical engineering student

## about

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## languages

French: mother tongue  
English: working skills  
Spanish: basic notions

## education

2015–2016 **Exchange year** KTH, Stockholm, Sweden  
Mechanical Engineering  
Specialization in Physics and Vehicle engineering

### Coursework

Design thinking, Electrical machines and drives, Heat transfer, Matlab, FEM for Engineering applications, Fluid mechanics, Measurement techniques, Hybrid and embedded control system, Noise and vibration control, Dynamic problems in solid mechanics

2013-2016 **Bachelor** of Mechanical Engineering EPFL, Lausanne, Switzerland

### Coursework

Numerical analysis, Mechanics of continuous media, Mechanics of structures, Probabilities and statistics, Metals and alloys, Dynamical Systems, Mechanical systems, Thermodynamics and energetics, Fluid flow, Mechanical construction, Programming, CAO (Solidworks, ANSYS)

2013 **Baccalauréat S.** Saint-Joseph school, Reims, France  
French secondary high-school degree - obtained with first class honours  
Specialization in Physics  
*Boarding School - Social team*

## experience

07-12 2016 **Internship** CEA, Paris, France  
Mechanical research in robotic devices for nuclear applications

2014-2015 **Course assistant in Analysis II** EPFL, Lausanne, Switzerland  
Basic Analysis teaching assistant for first bachelor year students

2013 **Sailing Instructor diploma** CESM, Corsica, France  
Sailing instructor on small sailing modules

2011-2013 **Social volunteering** Société Saint Vincent de Paul, Reims, France  
Helping and talking to old people in retirement homes. Participating in the Resto du Coeur actions.

## interests

### Personal

Nautic sports, running, cycling, gastronomy, guitar playing, drawing, Arduino programming

### Professional projections

EPFL, Lausanne, Switzerland  
Master in Automatic controls and mechatronics  
Master in Management, Technology and Entrepreneurship