



## Contact

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### Address

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### Website

[gentilegregoire.github.io](https://github.com/gentilegregoire)

### LinkedIn

<https://www.linkedin.com/in/gregoiregentile/>

## Education

2019

### Master in Mechanical Engineering

Automatic and mechatronics - Management of Technologies and Entrepreneurship  
EPFL - SWITZERLAND

2016

### Bachelor in Mechanical Engineering

EPFL & KTH - SWITZERLAND & SWEDEN

## Expertise

- CAD (Solidworks, Onshape)
- 3D printing
- ERP & CMS
- Mechatronics
- C++, Python, HTML/CSS
- Matlab, Simulink, Labview

## Language

French - Native

English - Fluent

Spanish - Intermediate

Arabic - Basic notions

# Grégoire GENTILE

## Mechanical Engineer

As an EPFL mechanical engineer, I have created during my studies my company, Caulys, to bring agriculture in cities. This chapter of my professional life is over, and I am looking for new challenges. Open minded, curious and passionate by sciences and new technologies, I love to discover new areas to develop my personal and professional skills.

## Experience

### Jan. 2018 - Jul. 2023

CAULYS - SWITZERLAND, FRANCE, ENGLAND



### Co-founder & CEO

- Company developing vertical farming technologies in Controlled Environment Agriculture, with a technology developed at EPFL Automation Lab
- Management of a team of up to 10 people, in Switzerland, France and England
- Conception, production and commercialisation of new solutions, addressing food and CBD markets
- R&D office in Switzerland, factory in France and sales subsidiary in England
- Ordinary member of the Board of Directors

### Jun. 2018 - Aug. 2018

GENCORES - BOSTON, USA



### Consultant in robotics

- Development of a new high scale 3D printing technology based on multi-density foam expansion
- Conception, prototyping and tests of a new printer nozzle
- Harvard Innovation Lab start-up granted by BE Fellows (founded by Bill Gates)

### Sep. 2017 - Sep. 2018

JUNIOR ENTREPRISE EPFL - SWITZERLAND



### Project manager

- Consulting association managing more than 170 projects annually ; CHF 450k annual turnover
- Win of the prestigious European title of Junior Enterprise of the year 2018

### Jul. 2016 - Dec. 2016

CEA - PARIS, FRANCE



### Internship - R&D office

- Conception, assembly and tests on a new hand exoskeleton, designed to suit manipulations of irradiated elements in laboratory glove boxes
- Precision mechanisms for haptic applications
- Writing and approval of a patent specification about a new active magnetic guidance system

## Interests

### Music

Guitar and piano, playing in a music band of 5

### Sports

Running, hiking, paragliding, snowboard, kite-surf, surf, scuba diving

### Mechatronics

Projects involving electronics and programmation, notably FPV drones

## References

### Yann Perrot

Head of the Interactive Robotic Laboratory, CEA

### Thomas Gmür

Head of Mechanical Engineering Section, EPFL

### Vincent Keller

Chairman of the Board, Caulys SA