



Contact

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<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 & IoT
- 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 created my company Caulys during my studies to bring agriculture to cities. This chapter of my professional life is over and I am looking for new challenges. Open-minded, curious and passionate about science and new technologies, I love discovering 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, scubadiving

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