



Grégoire GENTILE

Mechanical Engineer

As an EPFL mechanical engineer, I created my company Caulys, developing indoor vertical farming technologies. 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, in a team environment.

Experience

Jan. 2018 - Jul. 2023

CAULYS - SWITZERLAND, FRANCE, ENGLAND

Co-founder & CEO

- Created from scratch an indoor vertical farming company, with a technology developed with EPFL Automation and Life Sciences labs
- Hired and managed a team of up to 10 people, in Switzerland, France and England
- R&D, conception, production, supply chain management and commercialisation of automated and cloud based machines, addressing food and CBD markets
- Opened a R&D office in Switzerland, a factory in France and a subsidiary in England
- Strategic decisioner as Ordinary member of the Board of Directors
- Granted by multiple accelerators such as Solar Impulse, MassChallenge and Innosuisse

Jun. 2018 - Aug. 2018

GENCORES - HARVARD INNOVATION LABS, BOSTON, USA

Consultant in robotics

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

Sep. 2017 - Sep. 2018

JUNIOR ENTREPRISE EPFL - SWITZERLAND

Project manager

- Managed 8 projects in a consulting association of 30 people, having more than 150 projects annually with CHF 450k annual turnover
- Won 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
- Gained experience in the design and manufacture of precision mechanisms
- Writing and approval of a patent brief 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

Contact

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Location

Paris - Geneva

Website [↗](#)

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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)
- C++, Python, HTML/CSS/JS
- ERP & CMS
- Mechatronics & IoT
- Matlab, Simulink, Labview
- Supply Chain

Achievements

- Creation of an international start-up
- Patent brief of a new technology
- AWS Cloud Essentials
- TOEFL (106/120)

Language

French - Native

English - Fluent

Spanish - Intermediate