



Contact

Phone

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Email

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Location

Paris - Geneva

Driving license

Website

Linkedin

Expertises

- Mechatronics, IoT, 3D printing
- C++, Python, HTML/CSS/JS
- ERP & CMS (Jira, Hubspot)
- CAD (Solidworks, Onshape), PCB design
- Matlab, Simulink, Labview
- Agile project management

Achievements

- Creation of an international start-up
- Young Entrepreneur Award 2019
- Agile SAFe certificate
- AWS Cloud Essentials certificate
- Patent brief of a new technology
- TOEFL (106/120)

Interests

Sports

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

Music

Guitar and piano, playing in a music band of 5

FPV Drones

Mechatronic drones for outdoor video shooting

Army

Reserve Officer, French Air and Space Force - under recruitment

Language

French - Native

English - Fluent

Spanish - Intermediate

Grégoire GENTILE

Mechatronics Engineer

With a degree from EPFL and 5 years' experience in industry, I have developed expertise in the development of new mechatronic technologies. Open-minded, curious and passionate about science and new technologies, I enjoy discovering new fields to develop my professional and personal skills, in a team spirit.

Experience

Co-founder & CEO

CAULYS - SWITZERLAND, FRANCE, ENGLAND

January 2018 - July 2023

- Built an indoor vertical farming company from scratch, using a technology developed with EPFL Automation and Life Sciences labs
- Hired and managed a team of more than 10 people in Switzerland, France and England
- Business development, R&D, design, programmation, supply chain management of automated and cloud-based machines
- Opened R&D office in Switzerland, factory in France and subsidiary in England
- Strategic decision maker as ordinary member of the Board of Directors
- Awarded by several accelerators such as Solar Impulse, MassChallenge and Innosuisse

Engineering Consultant

GENCORES - HARVARD INNOVATION LABS - BOSTON, USA

June 2018 - August 2018

- Successful development of a new printer nozzle and milling mechanism for large-scale 3D printing technology based on multi-density foam expansion
- Design, prototyping and functional tests of new solutions
- Harvard Innovation Lab startup awarded by BE Fellows (founded by Bill Gates)

Project Manager

JUNIOR ENTREPRISE EPFL - LAUSANNE, SWITZERLAND

September 2017 - September 2018

- 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

R&D Engineer - Internship

COMMISSARIAT À L'ÉNERGIE ATOMIQUE (CEA) - PARIS, FRANCE

July 2016 - December 2016

- Design, assembly and functional tests of a new hand exoskeleton designed for manipulation of irradiated elements at the robotic interactive laboratory
- Improved my skills in the design and manufacture of high precision mechanisms for human-machine interactions
- Writing and approval of a patent brief for a new active magnetic guidance system

Education

Master in Mechanical Engineering

ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)

September 2016 - July 2019

Automatic and Mechatronics - Management of Technologies and Entrepreneurship

Bachelor in Mechanical Engineering

ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL) - KTH

September 2013 - July 2016

Erasmus exchange year in KTH (Sweden, September 2015 - July 2016)

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