



TRISTAN BERGER

SELF-TAUGHT WEB DEVELOPER -
MECHATRONICS ENGINEER

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✉ tristan.berger6@gmail.com

🎂 24 years old

🚗 Full clean driving license

🌐 tristan-berger.com

EDUCATIONAL BACKGROUND

Self-training, 09/2021 – today

Web Development

OpenClassrooms, Codecademy courses and other online resources. Personal projects and FrontendMentor challenges.

<https://tristan-berger.com>

ENSIL-ENSCI, Limoges, 09/2017 – 09/2020

Mechatronics engineer

3rd year project « Design of educational medical simulations in Virtual Reality »

2nd year project : « automation of a reduced-scale car »

Lycée Blaise Pascal, Clermont Ferrand, 09/2015 – 09/2017

Preparation for the competitive entrance exams to French engineering schools

Project : « Studying of strain gauges to achieve a scale »

Lycée Pierre-Joël-bonté, Riom, 09/2012 – 09/2015

Baccalauréat (French secondary school diploma) in science, with major in engineering science

Last year project : « Creation of a vertical elasticity measurement system based on strength sensors »

WORK EXPERIENCE

Electronics engineer R&D, 04/2021 - 08/2021

GERAL, Belley, 01

Design/Modification of electronic board, prototyping and tests.

Software used: CADSTAR- LTSpice - Autocad.

Electronics engineer R&D, 03/2020 - 02/2021

international Start-up xRapid, Aix-en-Provence, 13

Development of the electronic software/hardware part of a connected and ventilated mask (**xHale** product).

Choice of design and components, PCB design, routing, programming, and testing of the boards.

Software used : EAGLE- Simplicity Studio, programming on EFR32, C language.

Internship in research (in University), 06/2019 - 08/2019

Texas Tech University, Lubbock, Texas

Research topic on the development of an object counting system using a drone. Use of deep learning algorithms for tracking and object detection – Python language.

SKILLS

Good spoken and written English

3 months internship in Lubbock, Texas.

Movies and series in OV, TOEIC score 860.

Programming languages:

C, C++, Python, Matlab

HTML/CSS, JavaScript, React

Conversational Spanish

School trip in Spain in a hosting family

PERSONAL INTERESTS

Passionate about sports:

Practiced Karaté for 12 years; obtained the black belt 1st dan

Participated in national competitions

Coaching of session dedicated to beginners

Practised Football in a Football club for 3 years.

Practise Crossfit