TRISTAN BERGER

SELF-TAUGHT WEB DEVELOPER - MECHATRONICS ENGINEER

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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.
Find my portfolio at https://tristan-berger.com

ENSIL-ENSCI, *Limoges, 09/2017 – 09/2020*
Mechatroncis 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.

Conversational Spanish
School trip in Spain in a hosting family

Programming languages:
C, C++, Python, Matlab
HTML/CSS, JavaScript, React

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