



Tristan BERGER

## Self-taught Web Developer – Mechatronics Engineer

Holder of an engineering degree in mechatronics, I am self-taught and currently employed as a full-stack web developer. I am now looking for a new opportunity.

### Work Experience

#### Web Developer - 05/2022 – Today

Hiceo Le Grand-Lemps (38)

Responsible for the development, management, and deployment of websites and web applications. Front-end and back-end development, server administration, and management of technical projects. Creation of custom solutions and maintenance of websites for various clients.

##### Development:

- Creation of websites using Wordpress, custom theme development, and custom plugins. Creation of features for various client projects (reverse engineering, debugging)
- Management of production deployment: configuration of emails, security, statistics, SEO, optimization, backups, etc ...

##### Server Management and Maintenance :

- Configuration and management of servers (shared, VPS)
- Migration of websites, mailboxes, and domain names
- Internal system administration: NAS management, VPN, password manager.

##### Project management and Client Relations :

- Needs Analysis: Writing specifications, needs analysis, navigation and UX advice
- Training and support: Training clients, technical support

Technologies used for some projects: Symfony, Redis, Adonis.js, Next.js, Docker, Nginx, Strapi, Shopify, WooCommerce, Three.js, Blender, Joomla, MJML, Postfix

#### Electronics engineer R&D - 04/2021 – 08/2021

Geral Belley (01) – CDI

Design/Modification of electronic board, prototyping and tests

#### 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. 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.

### Educational background

#### Web developer - 09/2021 – 05/2022

Self-training

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

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

#### Mechatronics engineer - 09/2017 – 05/2022

ENSIL-ENSCI Limoges (87)

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

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

#### Preparation for the competitive entrance exams to French engineering schools - 09/2015 – 09/2017

Lycée Blaise Pascal Clermont Ferrand (63)

#### Baccalauréat (French secondary school diploma) in science – major in engineering science

09/2012 – 09/2015

Lycée Pierre-Joël-Bonté Riom (63)

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### Languages

#### French

native language

#### English

C1 level, 3-month internship in Texas, TOEIC score 860.

#### Espagnol

B1 level

### Skills

#### Languages:

C/C++, Python

#### Front-end:

HTML/CSS, SASS, JavaScript, jQuery, React.js

#### Back-end:

PHP

#### CMS:

WordPress, Elementor

#### Tools:

SSH, Shell Bash, Git, GitHub, API REST, AJAX, Webpack

#### System and server administration:

LAMP, Webmin, Virtualmin, CPanel, services AWS

### 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.

Running - Bodybuilding