

# JASON FRANCISCO MACAS MORA

## SOFTWARE DEVELOPER

I am an Electronics and Telecommunications Engineer with an affinity for software issues. I worked as a private teacher and as a teaching assistant at my university, in the subjects of calculus, programming and physics. I am currently a web developer, focused on both the frontend section and backend themes (fullstack). And likewise I work in the area of artificial intelligence, being a developer and researcher of applications for the medical area.

## CONTACT

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📍 Loja, Ecuador

## EDUCATION

- Electronics and telecommunications engineer at UTPL, 2021.
- Software development at Platzi.

## OTHER KNOWLEDGE

- Django backend developer, Platzi, 2022.
- Trained in entrepreneurship issues by Prendho.

## LANGUAGES

- Spanish Native.
- English Intermediate, B2.

## SKILLS

- Programming: Python, NodeJS, Typescript, C++, Arduino, Matlab, Golang, Django, Express.
- Frontend: HTML, JSS, CSS, SASS, GatsbyJS, ReactJS, NextJS.
- Databases: mongoDB, MySQL, Postgres, firebase.
- Others: writing, circuits design.

## LABORAL EXPERIENCE

### Devolper of IoT devices

UTPL, 2019 - 2021

- Remote lab maintenance.
- Design of experimentation protocols.
- Design of communication protocols, video streaming, hardware design, microcontrollers programming.

### Researcher of IA biomedical topics

UTPL, 2020 - Present

- Design of neural networks for the diagnosis of cervical cancer, using pytorch and Tensorflow.
- Image processing with opencv and PIL.
- Desktop Application Programming.

### Freelancer

2020 - Present

- Web designer.
- Personal projects.

### Medical software developer

Empresa Universitaria de Salud EP EUS-EP, February 2022 - Present

- Django developer.
- I use Tensorflow serve for deploy an IA backend for diagnose cancer.
- CI/CD practices.
- CAMIE platform maintenance.

## Personal Portfolio