

JOSUÉ CASTRO RAMÍREZ

Computer Engineering Student

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EXPERIENCE

Software Development Assistant

redbioma

Oct 2023 – Dec 2023

- I was hired to develop a website for the redbioma project using free tools such as Jekyll and GitHub Pages so that there is a global medium to publish works, news and publicize the project. Feel free to take a look at the project at redbioma.org.

Research Assistant - ITCR Biodiversidad

Instituto Tecnológico de Costa Rica

Feb 2023 – ongoing

- I worked on developing an Open Information Extraction (OIE) analysis from plant morphological descriptions in spanish, comparing different OIE models in order to study their similarities and differences to choose a roadmap for future projects.
- One of the project's objectives is to create a Latin American biodiversity network. We decided that we wanted to empower women in computer science to lead future data science projects in said network. Due to that, I was part of a team that gave a free course as an introduction to Python for data science. Some of my responsibilities were preparing class material, such as presentations, homework and projects; giving master classes, etc.

Research & Administrative Assistant - LabExp

Instituto Tecnológico de Costa Rica

July 2022 – July 2023

- I work on the development, research, and design of new inclusive methodologies to apply them in a [project](#) with the Erizo Juan Santamaría informal settlement, which seeks to strengthen and support the community resilience by facilitating the risk management.
- Administrative assistant at Lab Exp, working on communication and diffusion of different Lab's open source projects. Some of my common tasks are: writing news, making infographics, websites testing and many other things related to the Lab's projects.

ERC Associate Portuguese - HR Assistant II

Employee Resource Center – Amazon, Costa Rica.

December 2021 – January 2022

- Full time HR Assistant working with Amazon Brazil employees in regard with all kind of assistance and resources provided by Amazon.

EDUCATION

Bachelor's degree in Computer Engineering

Instituto Tecnológico de Costa Rica

Feb 2020 – Ongoing

Centro Académico Alajuela

Portuguese Level VII

Universidad Técnica Nacional

Oct 2019 – Dec 2019

Sede Central

English Level XII

Universidad Técnica Nacional

Aug 2015 – Sept 2015

Sede Central

LANGUAGES

Spanish



English



Portuguese



LEARNED TECHNOLOGIES

Programming languages

Python

Java

C

C#

C++

Dart

Markup languages

LaTeX

MarkDown

HTML

CSS

Libraries

PyTorch

NumPy

Pandas

JDBC

JUnit

Frameworks

JeKyll

Flutter

Spring Boot

Robot Framework

Databases

SQL

MySQL

MongoDB

Google Firebase

Operative systems

Linux

Windows

REFEREES

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Instituto Tecnológico de Costa Rica