

Pedro Botecchi

(689) 243-6198 | pedrobtecchi@gmail.com | Oviedo, FL

Experience

University of Central Florida | Orlando, FL

Graduate Research Assistant | 08/2024 - Present

Working at the Bio-mechanics laboratory studying and creating Machine Learning UNet models using Pytorch and Tensorflow and applying it on MRI images to extract and calculate torsion.

- Responsible to convert Unet models from Tensorflow to Pytorch
- Processing and adjusting datasets containing medical images using Python

Encora Inc. | Campinas, SP

Mid-level Fullstack Software Developer | 04/2021 - 08/2024

- Collaborated with a multinational team to create and review features for web applications and REST APIs
- Utilized Typescript, Python, HTML, CSS, NodeJS, Express, ReactJS, NextJS, and Redux-saga in development projects
- Updated legacy applications by replacing Redux-saga with NextJS and REST API with GraphQL using NestJS
- Implemented new features and functionalities in web applications
- Implementation of AWS Lambdas with Python and very familiar with Kubernets
- Actively working with SQL and Postgres DB
- Conducted testing and debugging of applications to ensure high quality
- Participated in stack updates and technology transitions to improve application performance
- Worked on improving user experience and UI design aspects
- Engaged in cross-functional collaboration with teammates, product managers, and engineers
- Contributed to documentation efforts to ensure project objectives were met and designs were well-documented and communicated
- Demonstrated adaptability and willingness to learn new technologies and concepts

Classapp | Limeira, SP

Full Stack Software Developer | 06/2020 - 03/2021

Working in a collaborative team responsible for writing, reviewing and testing iOS, Android and WEB application along with API's using the following technologies:

- React / React Native / NodeJS
- Javascript / HTML / CSS
- GraphQL / PostgreSQL

Education

Unesp – Universidade Estadual Paulista | Rio Claro, SP

B.Sc. in Computer Science | 07/2022

- Undergraduate Research: Applying Deep Learning Networks with TensorFlow to study and compare degradation in road/city asphalt pavements
- Undergraduate Research Group: Pattern Recognition, Image, Signal processing and Multimedia Applications – PRISMA, studying Deep Learning Networks using Python and TensorFlow
- Elected valedictorian student from 2022 graduation

Cotil – Colégio Técnico de Limeira | Limeira, SP

Computer Science | 12/2014

Languages

Portuguese, English, Spanish

Certificates

Apollo Graph Developer - Associate Certification, Apollo Graph Developer - Professional Certification