CAROLINA JIMÉNEZ MORENO

MACHINE LEARNING ENGINEER

PROFILE

Physical Engineer with a Master's Degree in Engineering with emphasis on Artificial Intelligence and Web Development.

SKILLS

- ML/DL models with Python, PyTorch, TensorFlow, Keras.
- Data Analysis with Numpy, Pandas, Matplotlib, Scikit-Learn, .
- Digital Image Processing with OpenCV, DLib, Pillow.
- Web Development with JavaScript, HTML5, CSS3, React JS, Node.js, Material UI, ApexCharts.
- Knowledge in C++, R, MATLAB.

SOFT SKILLS

- Teamwork.
- Problem resolution.

LANGUAGES

Spanish: native

English: B2

Intermediate

CONTACT

CJimenezm0794@gmail.com

+ 57 3023191924

@carolinajimenezmoreno

WORK EXPERIENCE

Machine Learning Engineer

Oiga Technologies, a 10Pearls Company | 2023 - Actual

Develop machine learning models and training pipelines for recommendation systems, building microservices/APIs to deploy with DevOps and integrate with BackEnd.
Technologies: Python, LightFM, Docker, Dapr, Kubeflow, FastAPI, GCP, SQL, MongoDB.

Machine Learning Developer

Monitoreo Inteligente S.A.S | 2021 - 2022

Develop machine learning models for face recognition and drowsiness detection in order to implement a driver monitoring systems.
Technologies: Python, C++, PyTorch, Numpy, OpenCV, Pillow, Pandas, ONNX, RKNN, Google Colab, AWS, SQL.

Front-End Developer

Monitoreo Inteligente S.A.S | 2019 - 2020

Develop web applications and front-end layout for the company's website.
Technologies: JavaScript, React JS, HTML, CSS

EDUCATION

Universidad de Antioquia

Master's in Engineering | 2020

Emphasis on artificial intelligence. My research work was related to the development of a supervised model for image classification.
Project: Design of a deep learning model for the classification of postsurgical pain in non-communicative pediatric patients at the Hospital Universitario San Vicente Fundación - Medellín.
Technologies: Python, PyTorch, OpenCV, Pillow, Convolutional Neural Networks (CNNs), and image processing techniques.

Universidad Tecnológica de Pereira

Physical Engineering | 2016

As part of a biomedical research group, I worked in the investigation of electroencephalographic signals in order to process the signals after visual stimuli.
Project: Brain-Computer Interface that allows the identification of the P300 wave using digital signal processing techniques and BR8 Plus neuro-helmet.
Technologies: Python and digital signal processing techniques.