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Projects

Deleting Backgrounds with AI

February 2024

<https://eraser-h6cota2n5a-uc.a.run.app/>

- Simple project that receives a file, then responds with the image generated.
- Running with cold start in Google Cloud Run.
- Made with Python, Flask, JavaScript, HTML/CSS.

Backend

2022

<https://github.com/lugroc/oldstuff/tree/main/backend>

Old project for purpose of learning Express.js, REST API and Middleware.

- Server designed to handle RESTful services.
- REST API for user authentication with JWT.
- Mongoose for connection with MongoDB.

Alura LATAM

2022

<https://github.com/lugroc/oldstuff/tree/main/Alura>

- Course for learning JavaScript, HTML and CSS.

Machine Learning Challenge

July 2023

Microsoft Learn event with 9 learning modules:

- How to explore, visualize and manipulate data for later analysis.
- Training and evaluation for regression, classification, clustering and deep learning models.
- Creation of deep neural network and convolutional neural network.
- Testing and improvements for machine learning models.

Education

Universidad San Sebastián

Santiago, Chile

Software Engineering

April 2019 - September 2021

Skills

Programming Languages	Java, Python, TypeScript, JavaScript, Node.js, HTML, CSS.
Frameworks/Libraries	Flask, FastAPI, Express.js, Next.js, React, Framer Motion.
Databases	PostgreSQL, MongoDB.
Cloud Services	Google Cloud Run, Amazon S3, Azure App Services, Azure Machine Learning Workspace.
Other	Linux, Git, GitHub, SSH, Docker.
Soft Skills	Analytical Thinking, Problem Solving, Client Communication, Teamwork