ITALLO LOBO

• Software Developer •

PERSONAL INFO

- **Itallo Lobo Leite Carneiro**
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PORTFOLIO

For additional details and an immersive experience, please visit **my portfolio**

EDUCATION

2023 - Present • B.S in Computer Engineering, Universidade Federal de Itajubá

LANGUAGES

- **Portuguese:** Native
- **English:** Fluent

ABOUT ME

I am a tech enthusiast driven by curiosity and innovation, I excel in solving real-world problems using technology. My portfolio includes projects that blend art, technology, and engineering, showcasing my ability to explore new possibilities. I look forward to exploring more, bringing innovation, and making a positive impact on my community.

PROJECTS & EXPERIENCE

2023 — Drumonsters Robotic Team's AI Computer Vision
Enhanced computer vision for robot location using a YOLO model. This project is notable for its use of synthetic data, eliminating the need for manual data collection and classification. Currently working on a scientific paper on the subject.

2023 — Voice Cloning
Collaborated with the Carlos Drummond de Andrade Foundation to revive the voices of Brazilian icons Carlos Drummond and Cândido Portinari and create a full dialogue between them. For this project, I've used open-source tools and only a few minutes of samples to successfully capture and recreate the essence of their voices.

2023 — Mine in Virtual Reality
Created an immersive virtual mine experience that allows users to interact with regional minerals using Leap Motion technology for hand tracking. Developed with Unity and C#, and experienced through an Oculus DK2. This project was featured at an event at Museu de Itabira (Brazil).

2022 — Encheu
Developed an AI-based platform to predict floods in Governador Valadares, a brazilian city, with 80% accuracy up to seven days in advance. The platform, built using the MERN stack, provides personalized forecasts for each residence and is currently in the testing phase.

2018 — Printer
Repurposed an abandoned computer into a printer, demonstrating the principles of intelligent recycling and applied engineering. This project gained popularity on Twitter and was featured on Record, a brazilian television network.