



# MAMADJAM JALO

COMPUTER ENGINEERING STUDENT

## EDUCATION

- B.Sc. in Computer Engineering – Federal University of Santa Catarina (UFSC), Araranguá – Expected graduation: 2028
- Technical Degree in Mechanics – Federal Institute of Santa Catarina (IFSC) – Expected graduation: 2026
- Certifications / Courses: Udemy – Become a Full-Stack Web Developer (2026, expected)

## SKILLS

- Programming Languages: Python, C++, JavaScript (Node.js, Express), React, C
- Tools & Frameworks: Git/GitHub, Qt, Tkinter, Unreal Engine (basic), Docker (introductory knowledge)
- Fields of Interest: Computer Vision, IoT, Back-End Development, 3D Modeling, Automation, Embedded Systems
- Operating Systems: Linux, Windows

## REFERENCES

- EJEC – Junior Company of Computer Engineering – Web Developer
- **GitHub Portfolio:**  
<https://github.com/JaloMamadjam>

## CONTACT

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## LANGUAGES

- **English – Advanced (experience as tutor)**
- French – Intermediate
- Portuguese – Native

## ACADEMIC & PERSONAL PROJECTS

- **Online Store System (Fullstack Project)** – Fullstack application with back-end in Node.js/Express and MongoDB, and front-end in React; includes product management and API integration.
- Posture-Check – Real-time posture monitoring system using sensors and a microcontroller to detect and correct poor posture through visual feedback..
- Object-Oriented Programming Projects and Data Structure (UFSC) – Implemented multiple projects in Python and C++ applying OOP concepts such as inheritance, polymorphism, and encapsulation.

## ADDITIONAL INFORMATION

- Availability: 10–20 hours per week
- Volunteering motivation: gain research experience in Computer Vision, Back-End Development, and Image Processing
- Highly motivated, quick learner, and collaborative in interdisciplinary environments