

Luiz Felipe Santana Paes Barreto

SYSTEMS ANALYST

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I AM A SYSTEMS ANALYSIS AND DEVELOPMENT STUDENT WITH HANDS-ON EXPERIENCE IN ROBOTICS AND IOT PLATFORM DEVELOPMENT. IN THE ROBOTICS LAB, I PARTICIPATED IN THE CREATION AND PROGRAMMING OF ROBOTS, BUILDING SKILLS IN LOGIC, ELECTRONICS, AND EMBEDDED SYSTEMS CONTROL. IN IOT PROJECTS, I WORKED ON BUILDING A CONNECTED PLATFORM WITH SENSORS AND NETWORKS, ENABLING REAL-TIME DATA COLLECTION AND ANALYSIS. I HAVE A STRONG INTEREST IN SOFTWARE-INTEGRATED TECHNOLOGIES AND AM CONSTANTLY SEEKING INNOVATIVE SOLUTIONS TO IMPROVE AUTOMATION AND DEVELOPMENT ACROSS DIFFERENT CONTEXTS.

• PROFESSIONAL EXPERIENCE

• INSTITUTO FEDERAL DE PERNAMBUCO

Research and Development - PIBIC September-2024 / Until the present moment

Development of an IoT Platform for Urban Solid Waste Management Optimization
Developed and implemented low-cost Smart Drop-off Points (PEV) using Internet of Things (IoT) technologies for the reverse logistics of Waste Electrical and Electronic Equipment (WEEE).

- **Skills:** Research · IOT Knowledge · Software Development and Programming(JavaScript, Java, HTML+CSS, Python, RestAPI, MongoDB, SQL) · Interface and Application Development · System Design and Data Architecture

• UNIVERSIDADE FEDERAL DE PERNAMBUCO

Volunteer Math Teacher- March-2024 / November-2024

Volunteer teacher, providing math instruction to students preparing for the National High School Exam (ENEM).

- **Skills:** · Assessment and Feedback · Time Management · Flexibility and Adaptability · Communication Skills · Mentorship and Guidance

• TECHNOLOGIES AND SKILLS

- JAVA
- SQL
- Phytion
- Springboot
- Git
- C / C++
- HTML + CSS
- JavaScript
- Node JS

• ACADEMIC BACKGROUND

• BACHELOR'S DEGREE IN SYSTEMS ANALYSIS AND DEVELOPMENT

Instituto Federal De Pernambuco
March/2024 - Até o presente momento

• CERTIFICATIONS

- Python AI - Backend Devoloper - **DIO**
- Desenvolvimento Java - **DIO**
- Desenvolvimento de API com FastAPI- **DIO**

• LANGUAGES

- INGLÊS - INTERMEDIÁRIO
- PORTUGUÊS - FLUENTE