



# RAYMART JOHN P. PATRIARCA

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## OBJECTIVE

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Computer Science student with a foundation in Python, exploratory data analysis (EDA), and web development (HTML, CSS, JavaScript). Seeking an OJT opportunity to apply analytical, programming, and front-end skills to real-world, data-driven and technology-based solutions.

## EDUCATION

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**Iloilo Science and Technology University - BS Computer Science** **2022 - Present**

**Thesis:** Enhancing Localized Weather Forecasting in Iloilo Using LSTM

- Built an LSTM model forecasting temperature, rainfall, humidity, sunshine, and dew point, and developed a dashboard to implement it using Python, Flask, HTML/CSS/JS.

*Relevant Coursework: Data Analytics and Visualization, Database Management, Machine Learning, Web Development, Software Engineering, Operating Systems.*

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java

**Design & Prototyping Tools:** Figma

**Web Development:** HTML, CSS, JavaScript

**Data Analysis & Visualization Tools:** Python(Pandas, NumPy, Matplotlib), Google Colab, Power Bi

**Database Management:** MySQL

**Version Control & Tools:** Git, Visual Studio Code, Excel

## PROJECTS

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### ISATDocs – UNiTECH Startup Venture Product

- Co-developed a startup aimed at streamlining document requests at ISATU Registrar's Office.
- Designed UI/UX using Figma for a user-friendly interface.
- Achieved 3rd Place in the Technopreneurship Demo Day Pitch, Dec 2024.
- Received Certificate of Completion in the ISATU Kwadra TBI Cohort 4 (Ignite Program), Oct 2025.

### AutoTax AI – AI Tax Assistant

- Developed an AI-powered tax assistant featuring a chatbot for answering tax questions and an interactive system that automatically updates BIR Tax Form 2316 using HTML, CSS, JavaScript, and the DeepSeaK LLM API.

### SignoTech – ASL Sign Language App

- Co-developed an app with a dictionary of common ASL phrases, pre-recorded videos, and quizzes to test learning.
- Designed the UI/UX using Figma, ensuring interactive and accessible lesson.

## ONLINE COURSES

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- *DataCamp: Data Analyst in Python Track, Exploratory Data Analysis in Python, Introduction to Deep Learning in Python, Understanding Cloud Computing.*