

Personal Information

Name: Erich Sato

Professional Summary

Job Title: Artificial Intelligence Engineer

Employer: WFP Innovation Accelerator

Background: Bachelor in Robotics/ML and Master in Economics

Area of Focus: Using AI and ML to support humanitarian efforts and combat hunger



Job Description and Responsibilities

Primary Role: Implementing machine learning and AI techniques to address humanitarian challenges.

Key Responsibilities:

Conducting predictive analyses focused on Eastern Africa.

Identifying potential threats to food security due to ongoing or emerging conflicts.

Engaging in extensive research, data collection, and analysis.

Forecasting areas needing humanitarian assistance and guiding WFP's strategic response.

Challenges and Pain Points

Data Collection: Difficulty in finding reliable and comprehensive data sources, particularly for internally displaced persons (IDPs).

Data Quality: Dealing with various data sources of different qualities.

Data Processing: Handling data from major relief organizations that are often unprocessable.