

KLIEVONT S. SEÑERES

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PROFILE

Data Engineer with a background in Electronics and Communications Engineering, experienced in building automated data pipelines, and solving real-world problems through efficient data management and processing solutions.

EDUCATION

Central Philippine University

Electronics and Communications Engineering

June 23, 2025

EXPERIENCE

AEP Systems Integration Inc.

Iloilo, PHL

On-The-Job Training

2024 (240 hours)

- Improved anomaly detection in surveillance video feeds, resulting in a 25% increase in data accuracy and reduced false alerts in real-time monitoring.

Freelance

Remote

Data Entry Specialist

2022 – 2024

- Ensured 99% data accuracy by encoding, organizing, and validating large volumes of information across multiple platforms in high-pressure environments.
- Digitized over 150 pages of information by accurately converting handwritten and scanned documents into structured digital formats for reporting and archiving.

Outlier.ai

Remote

AI Training Specialist (Mathematics)

2024 (3 months)

- Enhanced AI mathematical reasoning capabilities by developing and curating high-quality educational content, enabling machine learning models to better understand and solve quantitative and analytical problems.

PROJECTS

Basic Data Cleaning Pipeline

- Tools: Excel, Python
- Description: Created a simple script to remove duplicates and correct formatting errors in CSV files for reporting purposes.

Student Grades Encoding Tracker

- Tools: Google Sheets, Excel
- Description: Built a spreadsheet-based system to encode and track student grades with built-in validations and summary reports.

CERTIFICATES

University of California, Irvine

July 2021

Introduction to the Internet of Things and Embedded Systems

Edge Impulse

July 2021

Introduction to Embedded Machine Learning

DeepLearning.AI

August 2021

AI for Everyone

SKILLS

Programming Languages

- Python: For ETL pipelines, data manipulation, and scripting.
- SQL: Data querying, window functions, joins, CTEs, and performance tuning.

Data Modeling & Warehousing

- Understand OLTP vs OLAP, star/snowflake schema, dimensional modeling, and normalization.
- Learn how to design scalable databases for analytics.

ETL (Extract, Transform, Load)

- Understand the process and tools to automate data pipelines.
- Focus on batch vs streaming data workflows.