

ARMY PUTERA PARTA

Jakarta, ID | P: +6281282762153 | armyputera@gmail.com | linkedin.com/in/army-putera-silalahi

EXPERIENCE

OFI (Olam Food Ingredients) – Indonesia

December 2024 – Present

Senior Data Management Supervisor

- Manage geospatial dashboards and data platforms to enhance supply chain traceability and ensure compliance with EUDR and sustainability standards.
- Curated and analyzed datasets to assess sustainability risks and supported procurement decisions aligned with EUDR requirements.
- Implement a Training of Trainer (ToT) program for field teams and developed SOPs to improve data collection and ensure effective use of geospatial tools in supply chain management.
- Supported deforestation-free sourcing initiatives by integrating EUDR-aligned sustainability metrics into procurement and supply chain practices.

Purwadhika Digital School – Indonesia

Juni 2024 – November 2024

Data Scientist Program

- Generate insights from various data types (tabular, textual, geospatial, point cloud, imagery) across diverse domains.
- Develop analytical techniques (descriptive and inferential statistic) and automated routines for tabular and spatial analysis to support effective management in the given field.
- Provide assistance and guidance to relevant stakeholders on best practices for data analysis and visualization.

PT. Sanimardani Resources (PT Sumalindo Lestari Jaya IV) – Indonesia

April 2022 – April 2024

Staff Planning

- Support cruising team to meet the land clearing standard of logging or forest utilization in *PT. Sumalindo Lestari Jaya IV*.
- Performed comprehensive spatial analysis of felling planned and actual land clearing (*PWH*) by producing maps layout and creating Web-GIS.
- Provides regular balance sheet report with calculation dan recapitulation of the amount of *PNBP* revenue (*PSDH* and *DR*) to related department.
- Reconciling *PNBP* payments to ensure the related department reflect the correct transaction.
- Maintain regular contact with the government relating to current obligation and payment procedure.

World Resources Institute – Indonesia

October 2021 – December 2021

Data Analyst and Quality Control

- Processed forest inventory data into web-map and SQL format for leaflet-based Web-GIS development.
- Analyse of carbon sequestration of each stand species based on tree allometric calculations.
- Provides GIS analysis of deforestation based on UMD (University of Maryland) and RADD (Radar for Detecting Deforestation) Tree Cover Loss data. Resulting data and maps can be viewed on *Adopsi Pohon Riau* website.

RELEVANT EXPERIENCE

Research Assistant, University of Glasgow – Indonesia

July 2021 – October 2021

Research Assistant

- Conducted preliminary reconnaissance research as part of a Global Challenges Research Fund grant by interviewing a variety of stakeholders and community members regarding birdlife trade within Indonesia.

FORRU (Forest Restoration Research Unit), Chiang Mai University – Thailand

August 2019

Research Intern

- Carried out post planting monitoring of forest restoration sites as part of site preparation prior to tree monitoring and participated in an environmental education program

EDUCATION

Institut Teknologi Bandung – Bandung, Indonesia

October 2020

Bachelor of Science, Forestry Engineering; Cumulative GPA: 3.11/4.0

ADDITIONAL

Projects:

- **Travel Insurance Claim Prediction Classification** – Identify distinct patterns between policyholders who file claims and those who do not.
- **Supermarket Customer RFM (Recency, Frequency, Monetary) Analysis** – Conduct customer segmentation and assess the effectiveness of promotions using the RFM Analysis method.
- **Heavy Equipment Spare Part Warehouse Inventory System** – Create a comprehensive CRUD system for managing inventory and operations in a warehouse specializing in heavy equipment spare parts.
- **Forest Concession Monitoring and Management Using *Web-GIS*** – Built a user-friendly web-GIS application designed for geospatial data visualization, employing the *GeoJSON* format to encode and represent geographic boundary datasets.

Technical: Python, R, Apache Spark, SQL, PostgreSQL, Tableau, Power BI, Microsoft Office, ArcGIS, QGIS, Agisoft, Leaflet

Languages: Fluent in Bahasa Indonesia; Proficiency in English