

HEROSHI JOE ABEJUELA

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TECHNICAL SKILLS

Programming Languages: Python, R
Data Visualization Tools: Power BI, Tableau, Seaborn, Matplotlib
Machine Learning Libraries: scikit-learn, Keras, TensorFlow
Database Systems: PostgreSQL, MySQL
Other Tools & Technologies: Excel, Pandas, NumPy, Android Studio, GitHub, Google Colab, Visual Studio Code, Kaggle

KEY COMPETENCIES

Data Visualization	Programming Languages	Proactive and Self-Motivated
Communication	Machine Learning	Japanese Bilingual
Data Analysis	Problem-Solving	Adaptability

PROFESSIONAL EXPERIENCE

St. Rita's College - Balingasag Jan 2023 – May 2024

Data Analyst Apprentice

- Analyzed datasets using Python and R, delivering insights through visualizations and reports.
- Improved trash classification accuracy with CNN models.
- Created ScamGuard, a scam detection app with 92% accuracy using CNNs and chatbot integration.
- Developed an R-based neural network model for diabetes prediction.

CognoRise InfoTech Sep 2024

Data Analyst Intern

- Performed customer personality analysis to segment and identify high-value groups.
- Analyzed employee salary trends across roles and regions for strategic insights.
- Built a churn prediction model for the travel industry using Decision Tree with 91% accuracy.

CodSoft Oct 2024

Data Scientist Intern

- Developed a credit card fraud detection model using Logistic Regression and Random Forest, achieving 94.1% accuracy on imbalanced datasets.
- Predicted sales with Linear Regression, attaining an R-squared score of 0.906.
- Built a Titanic survival prediction model with Random Forest, achieving 82.68% accuracy.

EDUCATION & CERTIFICATIONS

Senior High School Diploma in STEM
Majors: Machine Learning and Robotics
St. Rita's College - Balingasag

Applied Data Science Professional Certificate
IBM

Advanced Data Analytics Professional Certificate
Google

Japanese Language Proficiency N3
The Japan Foundation

RESEARCH & CONFERENCES

De La Salle University – Dasmariñas
Presented research on scam detection using image-based machine learning.

Science and Technology Education Center – Lapu-Lapu City Cebu
Conducted training sessions on applying machine learning in trash detection systems.

St. Rita's College – Balingasag
Led training sessions on utilizing machine learning for diabetes detection in healthcare.