EDUARD MIGUEL BUENO

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eduardmiguelbueno.netlify.app/| Data Science Major applying for opportunities in Data Science & Analytics

EDUCATION

University of California, Los Angeles (UCLA), Los Angeles, CA   June 2025
Los Angeles, Bachelor in Statistics and Data Science
GPA: 4.0/4.0
Dean's List: Fall 2023- Current

Los Angeles Valley College, Valley Glen, CA   June 2023
Valley Glen, Associate in Mathematics
GPA: 4.0/4.0, Summa Cum laude, President's List & Dean's List

Cornell University   August 2024
AI & Machine Learning Foundations e-certificated, Breakthrough Tech

EXPERIENCE

Ask Margot, Los Angeles, CA   August - December 2024
AI Student Fellow
- Developed a machine learning model using Python, Pandas, and NumPy to improve job recommendations for nurses, achieving 84% accuracy
- Leveraged Keras library to implement Deep Neural Networks and Unsupervised Learning techniques to analyze hundreds of user preferences and hospital ratings
- Matched nurse profiles with hospital data to optimize job satisfaction, placement success, and community engagement
- Worked 4 hours a week on the ML model

Breakthrough Tech AI UCLA, Los Angeles, CA
AI Student Fellow   June 2024 - Current
- Selected from 3000+ applicants for a selective Machine Learning program modeled by Cornell University
- Engaged in a 12-month program, including Machine Learning coursework with Cornell faculty
- Implemented different models like neural networks for computer vision and natural language processing tasks using Keras, TensorFlow and scikit-learn, resulting in deployable models for machine learning problems.

Mathnasium, Studio City, Los Angeles, CA
Lead Instructor   December 2019 - September 2024
- Inspired and guided 20 students daily to overcome challenges in the realm of mathematics, fostering a motivational environment for academic success
- Directed and coached a team of 10 Math Instructors, ensuring continuous enhancement of math teaching methodologies while maintaining high instruction standards and facilitating monthly training sessions
- Provided invaluable support to over 100 clients by delivering constructive feedback on student performance and formulating actionable plans for sustained academic progress
- Worked 15-20 hours variable weeks while balancinga full-time workload from college

PROJECTS

Nurse-Hospital Recommendation System -Ask Margot- https://github.com/Ask-Margot-Nurse-Match/NurseMatch
- Designed and implemented a deep learning-based recommendation system to match nurses with hospitals, achieving 84% prediction accuracy for job satisfaction and placements
- Utilized Python and libraries such as TensorFlow, Keras, NumPy, and Pandas to build and optimize the model
- Combined nurse preferences and hospital ratings using a Deep Neural Network to predict user satisfaction probabilities

NBA Win Odds Model -UCLA- https://github.com/L4S3RB0Y/NBA_Win_Odds_Model
- Developed a machine learning model analyzing 1,200+ NBA games from the 2023-2024 season, leveraging key performance metrics to predict game outcomes
- Engineered 10+ advanced features, including pre-game performance differentials and historical matchup records, boosting model accuracy by 4.3%.
- Optimized Logistic Regression, Random Forest, and XGBoost, achieving 68.55% accuracy with Logistic Regression outperforming XGBoost by 1.16%, using grid search tuning and PCA for feature selection

Income Classifier Model -Cornell- github.com/L4S3RB0Y/ML_project_census
- Applied NumPy and Pandas to clean, standardize, and visualize data of over 30,000 entries from the US Census
- Applied feature engineering and statistical methods to identify and select the 6 most informative variables from an initial set of 15
- Utilized the Random Forest Classifier using scikit-learn, improving ROC-AUC of 0.88 and an accuracy of 83% in Income Classification

SKILLS

Python, Pandas, Numpy, Scikit-learn, Keras, Neural Networks, R, ggplot2, Linear Modeling Data Analysis, Analytical Problem Solving, Data Analytics, STATA, SPSS; Soft skills: Leadership, Customer Relations, Problem Solving, Bilingual in English and Tagalog