CLAIRE NGUYEN

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"I am willing to try and learn new things. Having experience in diverse fields including education, finance, retail, and hospitality enhances my communication, customer handling, and accuracy to be solid!"

TECHNICAL SKILL/LANGUAGE

Predictive Modeling: decision trees, k-NN, ensemble methods, linear regression, and FP-Growth models
Data Analysis & Visualization: using Matplotlib, Seaborn, and advanced SQL queries
Database Management: Advanced capabilities in MySQL, database design, and implementation of normalized databases
Risk Analysis: Competent in conducting scenario and sensitivity analyses to evaluate risks and potential outcomes
Programming Language: Python, SQL, Web development
Platforms: AI Studio, Power BI, Excel
Language: English, Vietnamese

AWARD/CERTIFICATE

AWARED FOURTH PLACE OF DEAKIN BOWATER BUSINESS CHALLENGE
9/2024

Vision Radiology - Develop an expansion strategy that maintains optimal patient care by fostering a consistent and professional work culture across locations.
Working in teams, undergraduate students researched and developed a strategy for the future of Vision Radiology.
Four teams were selected from the preliminary round to present at the final challenge

Skills gained: Organising skills, Teamwork, Presence Skill

POWER BI ESSENTIAL TRAINING
13/4/2024

This certificate verifies successful completion of the Power BI Essential Training course, conducted by LinkedIn Learning and a 50-minute hour test taken by the National Registry of CPE Sponsors. The intensive 3-hour and 49-minute session focused on developing core competencies in data analysis, business intelligence, and Microsoft Power BI

EDUCATION

HIGHSCHOOL: Thang Long Highschool
2019 - 2022
GPA: 9.5/10

UNIVERSITY: Deakin University
2023-2025
Course: Bachelor of Business Analytics
WAM - 1st trimester 2024 : 85.5
WAM - 2nd trimester 2024 : 82.75

PROJECT

UNIT: PREDICTIVE ANALYTICS - WAM 88

Project 1: Fraud Detection in Personal Injury Claims
- Developed a predictive model to identify fraudulent insurance claims for DAX Compensation Lawyers
- Utilized a dataset of over 3,000 claims to create models using decision trees, k-NN, and ensemble methods
- Achieved a model accuracy of up to 96.83% with a kappa of 0.186, enhancing claim screening processes and reducing financial losses

Project 2: Compensation Structure Optimization
- Conducted a comprehensive analysis using nearly 120,000 data points to optimize employee compensation structures
- Employed linear regression, clustering, and FP-Growth models to predict total compensation, analyze job family-union relationships, and identify disparities in benefits
- Improved predictive accuracy and informed strategic HR decisions through detailed visualizations and data-driven insights

Skills gained: Data analysis and visualization, predictive modelling (decision trees, k-NN, ensemble methods, linear regression and clustering techniques), statistical analysis, decision making, data management

UNIT: DATABASE FUNDAMENTALS - WAM 88

- Mastering database management and SQL
- Applied knowledge to real-world scenarios by designing and implementing a normalized database for Netflix, integrating complex SQL queries with web development, and conducting detailed data analysis and visualization

  Skills gained: Advanced SQL queries, database design, SQL, Data visualization, critical Thinking, web development, project management

UNIT: INTRODUCTION TO DATA SCIENCE AND ARTIFICIAL INTELLIGENCE - WAM 97

- Engaged in data science and AI studies focusing on Python data manipulation, analysis, and visualization with Pandas, Matplotlib, and Seaborn.
- Developed strong skills in data cleaning, transformation, and visual storytelling for real-world data applications

  Skills gained: Data Manipulation using Pandas, Data Visualization with Matplotlib and Seaborn, Data Cleaning and preparation, Statistical Analysis, Problem Solving in data-intensive scenarios, Python Proficiency in data science toolkits

UNIT: DECISION ANALYTICS - WAM 80

- Developed stochastic and optimization models for bakery operations and investment portfolios, applying linear, integer, and nonlinear programming to enhance decision-making and profitability.

  Skills gained: Stochastic Modeling, Optimization Techniques, Risk Analysis, Data Analysis, Problem Solving, Software Proficiency

WORK EXPERIENCE

MORTGAGE CHOICE - BROKER 6/2023 - 10/2023
Administrative Assistant

- Process lending analytics for clients' profiles regarding tax matters and Business Activity Statements
- Reconciliation of bank accounts
- Assistance with the preparation of application for broker services
- Efficiently perform general office administration and accounts tasks

  Skills gained: Customer service, Paperwork skills, Accuracy

UNIQLO 10/2023 - Current
Sales Associate

- Managing inventory and arranging mechanics placement
- Being responsible for sale floor, check-out, and fitting room areas
- Using POS system

  Skills gained: Organising skills, Customer service, Inventory knowledge

MOVSA - MELBOURNE OVERSEAS VIETNAMESE INTERNATIONAL ASSOCIATION 11/2023 - Current
Vice President of Finance Department

- Served as a senior executive managing finance operations for a non-profit organization
- Key responsibilities included securing and managing sponsor relationships, financial planning, budgeting for activities, and financial reporting
- Collaborated closely with PR/Marketing and Events Vice Presidents to coordinate event sponsorships and budgeting that aligns with organizational financial health

  Skills gained: Financial Management, Stakeholder Engagement, Strategic Planning, Communication, Problem Solving, Technical Proficiency, Risk Management