DAVID HUYNH

davidhuynh.connect@gmail.com | +61 488 563 634 | [LinkedIn](#) | [Portfolio](#) | Brisbane, Australia

PROFESSIONAL SUMMARY

With 2+ years of experience in engineering problem-solving and client collaboration across diverse business scales, and a strong academic background in Data Science, I strive to deliver high-quality, impactful solutions to businesses. Proficient in data processing, data mining algorithms, visualization, and scripting programming, leveraging machine learning models and analytical frameworks. Committed to continuous learning and development.

SKILLS

Data analytics: R (ggplot2, tidyverse), Python (TensorFlow, Keras, Pandas, NumPy, Scikit-learn, PyTorch), SQL (PostgreSQL, MySQL, MS SQL Server)
Visualization: Tableau, PowerBI
Cloud platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP)
Programming: JavaScript/TypeScript, ReactJS/NextJS, C#, Bootstrap/HTML5/CSS/TailwindCSS
Collaboration tools: Confluence, Slack, Notion, Microsoft Teams, Trello, Jira
Miscellaneous: Scrum, Agile, GitHub

EXPERIENCE

Queensland University of Technology, Brisbane, Australia
Assistant Technology Support Officer (Specialists)   Jul 2024 – Dec 2024
- Cooperated with specialists to troubleshoot and resolve clients' requests, conducted system evaluations.
- Resolved 90% of technical issues, improving user satisfaction.
- Developed an integrated web application to manage assets with ReactJS and MySQL, incorporating the functionality into existing database management systems.
- Deployed hardware and software updates and maintained knowledge base with Confluence.

SISTECH Co., Ltd, HCMC, Vietnam
Automation Engineer   Oct 2020 – Jan 2023
- Collaborated with cross-functional teams to analyze requirements, develop project plans, and supervise the installation and commissioning of automation systems.
- Developed PLC programs to automate more than 20 manufacturing processes.
- Designed centralized WinCC SCADA systems to visualize and analyze data.
- Integrated IoT devices to monitor and optimize performance, reducing downtime by 10%.
- Provided more than 15 training courses to business, improving overall workforce productivity.

PROJECT

Hospital Emergency Room Analysis   Mar 2025 – April 2025
- Developed a powerful emergency room dashboard using Power BI, leveraging Power Query to clean and transform patient data for accurate real-time insights.
- Engineered dynamic reports with filters, bookmarks, and parameters, enabling flexible analysis of patient volume, waiting times, and satisfaction.
- Enhanced dashboard functionality with customized themes, seamless page navigation, delivering a user-friendly experience for hospital decision-makers.

Pizza Sales Analysis   **Feb 2025 – Mar 2025**

- Developed product performance analysis, performing data preprocessing to clean and transform sales data.
- Integrated customer order data analysis, using DAX to answer key business questions and creating dynamic Power BI reports to enhance peak-time sales strategies and improve operational efficiency.
- Developed a comprehensive analytical report, derived from Power BI dashboards, highlighting key insights and delivering data-driven recommendations that influenced strategic decisions.

Queensland Government's Advance Queensland Program   **Apr 2024 – May 2024**

- Analyzed the publicly structured and unstructured data on the distribution of the funds and solicited insights for user's decision-making process in terms of charts and narrative reports.
- Performed multiple Data Analytics Cycle (QDAVI) to generate significant questions to achieve actionable recommendations.
- Collected a set of 100+ articles using Guardian APIs for unstructured data analysis.
- Visualized the insights in Jupyter Notebook (Python) environment to support business advancement and operation.

EDUCATION

Master of Information Technology – Data Science   **High Distinction**
Queensland University of Technology (QUT)   Period: 02/2023

Master of Engineering – Control Engineering and Automation   **Good**
Ho Chi Minh City University of Technology (HCMUT)   Period: 10/2018

Bachelor of Engineering – Control Engineering and Automation (Honor)   **Good**
Ho Chi Minh City University of Technology (HCMUT)   Period: 09/2014

ACCOMPLISHMENTS

- Google Data Analytics Professional Certificate   **2024**
- AWS Cloud Practitioner Essentials Certificate   **2024**
- QUT Executive Deans' Commendations for Academic Excellence   **2024**