



SCAN ME

NUR HAZIMAH BINTI SADON

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Perlis

PROFESSIONAL SUMMARY

Highly adaptable and analytical Physics graduate with a strong foundation in Data Science, Mathematics, and Education. Proficient in Python, SQL, and statistical analysis, with a proven ability to develop data-driven solutions and predictive models. Possesses strong communication and instructional skills gained through teaching experience. Seeking to leverage technical expertise, problem-solving abilities, and adaptability in a dynamic professional environment, including interests in data analytics and digital strategy to drive organizational growth.

TECHNICAL SKILLS & CERTIFICATIONS

Technical

- Programming & Data Tools:** Proficient in **Python (Pandas, NumPy, Matplotlib, Scikit-learn)**, **SQL**, **C++**, **MATLAB**.
- Web & Campaign Fundamentals:** Foundational skills in **HTML, CSS, JavaScript basics, Figma, Canva**.
- Software & Tools:** Microsoft Office Suite (**Excel, Word, PowerPoint**), Jupyter Notebook, Google Colab.
- Core Competencies:** Data Analysis, Machine Learning, Statistical Modeling, Problem Solving, Classroom Management.

ICTC Python for Data Science Certificate

Nov 2024 – Feb 2025

- Gained proficiency in **data manipulation, visualization, and analysis** with Pandas, NumPy, and Matplotlib.
- Explored **statistical methods, data preprocessing, and machine learning fundamentals** using Scikit-learn.

PROFESSIONAL EXPERIENCE

STEM Tutor (Advanced Math and Sciences) | Freelance since 2022-Ongoing

- Diagnosed learning gaps and optimized instructional strategies for students, demonstrating strong analytical and adaptive thinking.
- Provided personalized guidance across subjects including **Mathematics, Add Math, Physics, and Science**, proving **high-level communication skills** essential for client/team collaboration.
- Managed schedules and student progress reports effectively.

Mathematics Teacher (MyStep) | SMK Kuala Perlis | Perlis, Malaysia May 2025 – Jul 2025

- Initiated the development of a **web application** to simplify teaching processes and improve content delivery.
- Conducted **analysis of student performance** to identify weak topics and inform targeted teaching strategies.
- Improved student engagement by implementing **student-centred approaches**.

Physics & Science Intern Teacher | SMK Syed Saffi | Perlis, Malaysia Oct 2023 – Jan 2024

- Created and executed **structured theory and experiment lessons**, promoting **critical thinking skills**.
- Ensured **full curriculum coverage** and collaborated with senior staff to organize school events and administrative tasks.

PROJECTS

Predictive Car Valuation Model (Group Capstone Project)

- Objective:** Collaborated with a team to develop a high-accuracy Machine Learning model for predicting used car market prices based on vehicle features.
- Methodology:** Contributed to data cleaning, feature engineering, and the optimization of regression models (Random Forest, Linear Regression).
- Result:** Achieved an R-squared score of ~98%, demonstrating the team's ability to deliver high-precision analytical solutions.

Characterization of AZ91 Metal Matrix Composite (FYP Research)

- **Scope:** Conducted research on Graphene-reinforced AZ91 composites using powder metallurgy techniques.
- **Analysis:** Analyzed material properties using X-Ray Diffraction (XRD) and interpreted experimental data trends.
- **Compliance:** Ensured strict adherence to laboratory safety protocols and standard operating procedures.

NEXTrack Interactive Freelance Dashboard UI

- **Objective:** Designed a functional front-end dashboard for tracking freelance projects and finances.
- **Key Skill:** Demonstrates strong UI/UX design skills, attention to detail, and ability to structure data visually for quick user interpretation.
- **Tools:** HTML5, Tailwind CSS, JavaScript, Figma (for UI/UX).

EDUCATION

MARA University of Technology (UiTM) | BSc (Hons) Physics | CGPA: 3.27 *Oct 2020 – Apr 2024*

EXTRACURRICULAR & VOLUNTEER ACTIVITIES

MARA University of Technology, Perlis, Malaysia

Vice Secretary, Physics Club

Jul 2021 – Jul 2022

- Managed official documentation, meeting minutes, and organized physics-related workshops.

Facilitator

Oct 2021 – Mac 2022

- Led student programs, fostering leadership and teamwork skills.

REFERENCES

Thayanithy Jegan | *Chief Technical Officer, Thulija Technologies Sdn Bhd*

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