LAW BENG XIU

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Internship Duration: 21st Oct 2024 – 25th Jan 2025 (14 Weeks)

SKILLS

Languages : Java | Python | C++ | C# | JavaScript | HTML | CSS | PHP

Functional : Machine Learning | Object-Oriented Programming | Data Structure & Algorithms | Database Management | Front-End Web Development | Mobile Application Development

PROJECTS

Gold Price Forecasting | Python, TensorFlow, Streamlit   *Feb 2024 – Present*

- Final Year Project to forecast gold price using advanced Time Series Forecasting techniques (LSTM, CNN, GRU).
- Achieved 15.33, 11.98 Mean Absolute Error (MAE) scores for LSTM and CNN respectively in Project 1.
- Currently improving the accuracy of models and developing a user-friendly dashboard with interactive visualizations using Streamlit.

Bill Break-Down Mobile Application | Java   *Jul 2023 – Aug 2023*

- Developed a mobile application to simplify bill splitting, featuring both equal and custom breakdowns and sharing capabilities
- Enabled users to share the results with relevant persons, enhancing convenience among users.

YumDelight Web Development | HTML, CSS, JavaScript   *Mar 2023 – Apr 2023*

- Designed and developed a mobile-responsive website to promote the best food in Perak, featuring engaging animations and cookie management.
- Delivered a user-friendly index page and header sections, enhancing user experience and site navigation.

Student Information Management System | C++   *Feb 2023 – Apr 2023*

- Created functions to manage, print and filter student lists, and insert exam results by **linked lists**.
- Implemented data storage, deepest nodes printing, student display, subtree cloning, and level nodes and path printing using **Binary Search Tree** (BST).

Stock Management System | Java   *Feb 2023 – Apr 2023*

- Implemented **Object-Oriented Programming** concepts to develop SMS to keep track of and manage stock on two products.

EDUCATION

UTAR (Universiti Tunku Abdul Rahman)
BIS (Hons) Information Systems Engineering   *Oct 2021 – Jan 2025 (expected)*
- Dean's List | Trimester Oct 2023
Foundation in Arts   *May 2020 – Sep 2021*

SMJK JIT SIN
SPM   *Jan 2015 – Dec 2019*

REFERENCE

Dr Ramesh Kumar Ayyasamy | Assistant Professor in UTAR
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