

LUKMAN NUR HAFIZ RAMLI

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ASPIRING SOFTWARE DEVELOPER INTERN

I am a final-year Computer Science student at UiTM Cawangan Melaka, Kampus Jasin, seeking an internship in Software Development from 30th September 2024 to 3rd January 2025, with the flexibility to start earlier or finish later if required. With a strong foundation in programming and software engineering, I am passionate about creating innovative software solutions. I am eager to apply my academic knowledge and technical skills in a practical setting, contributing to the development of software applications while continuously expanding my expertise in the field.

EDUCATION

Bachelor of Computer Science (Hons.)

Universiti Teknologi MARA
CGPA: 3.76 (Dean's List)

October 2021 - Present

Foundation in Engineering

Universiti Teknologi MARA
CGPA: 3.75 (Dean's List)

June 2020 - May 2021

STRENGTHS AND EXPERTISE

Data Analysis
C, C++, Java, Python
PowerBI & Tableau

SQL
NoSQL Database (MongoDB)
Web Development (HTML, CSS,
JavaScript, PHP, MVC)

Android Mobile Development
Amazon Web Service (AWS)
Github Version Control

PERSONAL PROJECTS

Selangor Flood Prediction Using LSTM-based Model

October 2023 - July 2024

& Visualization: A Mobile Application

Final Year Project - Recipient of the UiTM Kampus Jasin "Anugerah Panel Industri" Award

Project Description:

- Developed a mobile app to predict floods in Selangor using an LSTM model.
- Utilized AWS Lambda for running prediction code efficiently.
- Stored prediction data in AWS DynamoDB for quick access.
- Managed secure access to AWS services with IAM.
- Monitored app performance and logs with AWS CloudWatch.
- Automated prediction schedules with AWS EventBridge.
- Used AWS S3 for data storage and retrieval.
- Created interactive data visualizations in the Android app.
- Managed code versioning using GitHub.
- Automatically sent flood warning messages to users using AWS SNS and Firebase Cloud Messaging (FCM).

Clothing Brand Preferences Analysis
Assignment Project

January 2024

Project Description:

- Analyzed consumer preferences for H&M, Uniqlo, and Brand Outlet in Malaysia.
- Collected data from 510 respondents via Google Forms.
- Developed a predictive model using K-Nearest Neighbors (KNN).
- Conducted exploratory data analysis (EDA) to uncover patterns and trends in consumer behavior.
- Analyzed factors such as price considerations, perceived quality, stylistic preferences, and brand image.
- Evaluated model performance with K-Fold cross-validation, achieving 98.05% accuracy in training and 95.8% in testing

Heart Failure Patient Survivability Analysis Using Clinical Data
Assignment Project

June 2024

Project Description:

- Conducted an in-depth analysis of heart failure patient data to identify key factors influencing survivability.
- Performed exploratory data analysis (EDA) using Python and Tableau to uncover patterns and trends.
- Analyzed factors such as age, high blood pressure, comorbidities, and follow-up periods.
- Found significant correlations between clinical features and patient survivability, emphasizing the importance of effective management of high blood pressure and longer follow-up periods for improved outcomes.

Travel Agency System Development
Assignment Project

July 2023

Project Description:

- Developed a comprehensive Travel Agency System using MVC Framework, HTML, CSS, JavaScript, PHP, and MySQL as part of the CSC584 Enterprise Programming course.
- Implemented user registration and login functionalities for customers and staff.
- Designed the homepage for customers to make travel bookings and for staff to manage bookings, customers, and other staff.
- Enabled customers to update their personal information and staff to manage staff information.
- Implemented search functionality for staff to find other staff members easily.
- Developed booking and payment systems, including invoice generation and printing.
- Created modules for staff to view booking details, assign tasks, and manage customer information.
- Incorporated report analysis features for staff to generate sales and customer reports.

REFERENCE

Nor Fadilah Binti Tahar @ Yusoff
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