DILEESHA DISSANAYAKA

IT Undergraduate

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Education

Present

BSc(Hons) in Information Technology

University of West London

2022 - 2024

HND in Information Technology

University of West London

2019 - 2022

Advanced Level (Technology Stream)

Kingswood College

Skill

- Python
- JavaScript
- SQL
- Git
- Power BI
- Machine Learning
- Data Structures and Algorithms
- Visual Studio
- Jupyter Notebook

Certificates

- Python Basics in University of Moratuwa
- Front-end Web Development & Web Design for Beginner's in University of Moratuwa

👤 Objective

Seeking a dynamic internship in software engineering where I can leverage my technical skills, gain practical experience in software development methodologies, contribute to impactful projects, and deepen my expertise in the field of software engineering

💼 Projects

Titanic Survival Prediction Model

- Developed a predictive model to determine the survival of passengers on the Titanic using machine learning techniques.
- Selected Dimensionality Reduction for the prediction mode.
- Confusion matrix and classification report were generated to assess the model's performance.
- Training and validation accuracies were compared to check for overfitting
- Programming Language: Python
- Libraries: pandas, sklearn, matplotlib, seaborn
- Tools: Data preprocessing with Simple Imputer, One Hot Encoder, StandardScaler, and Column Transformer; model training with Dimensionality Reduction

Help Desk system for a Company

- Developed a computer system with a graphical user interface for a financial organization.
- System was aimed in provide solutions for the issues faced by customers and employees.
- Implemented a SQL Database to store the department, equipment, and employee details.
- Done debugging and tastings to identify issues.
- Programming Language: C#
- Tools: .NET Framework, Visual Studio, SQL Database

Restaurant Management System

- Developed a computer system to manage the daily process of a restaurant.
- System was aimed in managing orders, inventory and reservations.
- Done debugging and tastings to identify issues.
- Programming Language: Python(with oop concept and data structures and algorithms)
- Tools: Visual Studio Code

📖 References

B.M.S.N.Fernando
Gadaladeniya M.V / Teacher

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