MUHAMMAD IRFAN SYAFI BIN ZAHARUDDIN

Bachelor of Information Systems (Hons) Intelligent Systems Engineering

Klang, Selangor | muhammadirfansyafi@gmail.com | +60163351609 | https://irfansyafi.github.io

ABOUT ME

An active volunteer with experiences in various programmes that shaped my organizational and management skills. Enthusiastic and passionate of my project work. I see myself as a person who can contribute to the industry from the knowledge and experience gain.

WORK EXPERIENCE

PROTEGE

- Conducted Extract, Transform, Load (ETL) processes to track changes of seismic activities and visualization on PowerBI
- Data obtained through publicly available website using web scraping techniques.

INTERNSHIP

Programmer - HR Payroll Program

- Utilized Visual Basic (VB) programming and SQL script in Excel to automate the monthly salary report in Excel during internship.
- Created clear and concise System Requirement Specifications (SRS) and User Acceptance Testing (UAT) documents for the user.

IT Support

- Provided technical support to employees, troubleshooting hardware and software issues and resolving them quickly to minimize downtime.
- Communicated technical information to non-technical colleagues in a clear and understandable manner to facilitate effective problem solving
- Experience in automating software removal using Powershell scripting and terminal prompt.

ACHIEVEMENTS

- Vice Chancellor Award Dean's Award for Semester 1,2,3,4,5,6 and 7
- Received JPA MARA Scholarship
- Shortlisted as the Top 30 teams Malaysia in Malaysian Data Innovation Talent 2021

PROJECTS

Sentiment Analysis in Employee Satisfaction in a Company

- Conducted Extract, Load, Transform (ETL) processes for secondary data obtained publicly by utilizing web scraping techniques and Python.
- Applied machine learning model to classify the polarity of the sentiments using RapidMiner tools. The results of the findings shown in a dashboard using PowerBI

Image Scenery Recognition using Convolutional Neural Network

• Developed the convolutional neural network architecture using Python and Tensorflow. Achieved 77% of accuracy in prediction of the scenery.

Credit Scoring Fuzzy Logic System

 Developed a fuzzy system to determine the credibility of a small and medium businesses in handling their loan based on their credit scores.

Airplanes Flight: International Economic Recovery (AFIER)

 Conducted data cleaning and visualization using Power BI for the Malaysian Data Innovation Talent 2021 based on open source dataset.

PC Location Management System

• Build a management system that track the record of the PC location in the company using ASP.NET technology and SQL Server as the database

Optometry Business Database Management

 Developed a relational database management system using SQL on Oracle including the product inbound and outbound inventory.

Sport Booking System

• A booking system for reservation of the availability of the court in a month using C++

Graphical User Interface for Ice Cream clicking game.

• Creating a GUI game using Java programming language.

SIDE PROJECT

Time Series Weather Forecasting

In progress, training an AI model such as LSTM, CNN to forecast the weather that can be use for business purposes.

Public Info Banjir

• Extract data daily from https://publicinfobanjir.water.gov.my/ using python module called scrapy.

CERTIFICATION & EXTRACURRICULAR

Industrial Training Program

Malaysia (PMMA).

Microsoft

- Microsoft Certified: AI Engineer Associate
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals
- Microsoft Office Specialist

Active member of Malaysian Red Crescent Society

- Certificate of Completion by Panasonic Manufacturing Certified in the Basic First Aid Certification by the Malaysian Red Crescent Society
 - Certified in the Advanced First Aid Certification by the Malaysian Red Crescent Society
 - Responsible in handling various role in the organization during event.

Competitive Programming Workshop 2020

• Handled and solved technical issues during the event as the **Technical Bureau**

EDUCATIONAL BACKGROUND

Universiti Teknologi MARA (Aug 2019 - March 2023).

Bachelor of Information Systems (Hons.) Intelligent Systems Engineering

CGPA: 3.64

Skills: PowerBI, SQL, NoSQL, Python, C++, Java, Machine learning, Databases

Engineering Foundation in UiTM Dengkil (May 2018 - June 2019).

CGPA: 3.33

Sekolah Menegah Sains Teluk Intan (2013-2017).

SPM:7A,2B

REFERENCES

Dr. Azlin binti Ahmad

Academic Advisor

Faculty of Computer and Mathematical Sciences

Universiti Teknologi MARA 40450, Shah Alam, Selangor

+6012-2596948

azlin121@uitm.edu.my

Pn Nur Azura binti Mohd Anuar

Internship Supervisor

Panasonic Manufacturing Malaysia Berhad (PMMA)

No. 3 Jalan Sesiku 15/2, Section 15, Shah Alam Industrial Site,

40200 Shah Alam, Selangor

Tel: 03-5891 5280

nurazura.anuar@my.panasonic.com