

Irman Wafi

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Bandar Baru Salak Tinggi, 43900, Sepang, Selangor.



EDUCATION

UNIVERSITI TEKNOLOGI MARA

BACHELOR OF INFORMATION SYSTEMS

(HONS.) INTELLIGENT SYSTEMS

ENGINEERING

Graduated: Sept 2024

UiTM Shah Alam

Cumulative GPA: **3.67** / 4.0

SELANGOR MATRICULATION COLLEGE

SCIENCE MODULE 2

MAJOR: COMPUTER SCIENCE

Apr 2019 | Banting, Selangor

English: B1 (MUET Band 3)

SMK BANDAR BARU SALAK TINGGI

ENGINEERING DRAWING MODULE

Dec 2017 | Sepang, Selangor

Malaysian Certificate of Education

COURSEWORK

INTELLIGENT SYSTEMS ENGINEERING

Machine Learning

Data Mining

Object-Oriented Programming

Ai Programming Paradigm

Intelligent Systems Development

SKILLS

LANGUAGES

Python • R • SQL • VBA

JavaScript • HTML • CSS

DATABASES

MySQL • PostgreSQL • MongoDB

FRAMEWORKS

Svelte • scikit-learn • Tailwind

PLATFORM & SERVICES

Cloudflare • Supabase • Docker

Power Bi • Metabase • Ollama

TOOLS

GitHub & GitLab • VS Code

Figma • Obsidian • DBeaver

INTERESTS

Data Visualization

Data Analytics

AI tooling and LLMs

Open-source model exploration

EXPERIENCE

SOFTWARE DEVELOPER | EXECUTIVE | AGA TOUCH (M) SDN. BHD

Jan 2025 - Present | Bukit Rimau, Shah Alam

- Deployed open-source LLMs (OpenWebUI, Ollama)
- Built and deployed full-stack web apps using Svelte for dynamic UIs, integrating ShadCN and custom D3.js data visualizations
- Deployed web applications on Cloudflare, optimizing CDN
- Optimized MySQL databases with Bash and DBeaver, improving query performance, indexing, and data integration

DATA ANALYST | MYSTEP E41 | DEPARTMENT OF STATISTICS (DOSM)

June 2024 - Dec 2024 | DOSM, Complex C, Putrajaya

- Developed VBA macros to automate repetitive tasks, reducing manual effort by 40% and improving team productivity
- Streamlined KDNK book production processes using MS Publisher

DIGITAL ACCELERATOR | PROTÉGÉ | PETRONAS CARIGALI (PCSB)

May 2023 - May 2024 | Upstream Digital, Twin Towers, Kuala Lumpur

- Led seven (7) Power BI projects to create data visualizations
- As an accelerator for 47 Malaysia Petroleum Management (MPM) digital projects, involving both CapEx and OpEx endeavors
- Developed content for PETRONAS UPX, shaping video production

SOFTWARE ANALYST | INTERNSHIP | SIGMA RECTRIX SYSTEMS (M)

Sep 2022 - Feb 2023 | CBD Perdana 2, Cyberjaya

- Developed a receipt feature in a Flutter-based Android app
- Set up Docker for project containerization and deployment
- Experienced in troubleshooting Odoo CRM with PyCharm

PROJECTS

GEOSPATIAL TEXT MINING FROM TWITTER FOR BUILDING CLASSIFICATION IN SELANGOR | FINAL YEAR PROJECT

Jul 2022

- Preprocessed and cleaned a large dataset of 15,133 geotagged tweets for analysis in QGIS
- Optimized machine learning models, including SVM, RF, and XGB
- Created a visual interface called GEOSSEL using Streamlit.io

NEURAL NETWORK CNN | MACHINE LEARNING PROJECT

Sep 2021

- Employed TensorFlow to build and train the CNN model
- Preprocessed the image dataset to improve image quality

GENETIC ALGORITHM | OPTIMIZATION ALGORITHMS PROJECT

Sep 2021

- Designed and developed a classic Snake Game using Python
- Implemented selection, crossover, and mutation to enhance AI

EXTRACURRICULAR

2021 • Served as a member of the Artificial Intelligence Club (AIS)

2021 • Participate in UiTM workshops on NLP

AWARDS

2024 • Award for Excellence in Visual Basic for Applications (VBA)

2024 • Award for Conducting the Workshop on KDNK

2022 • Completed "Securing Your Data, Learn Cybersecurity" certification program with Trainocate