DANIYAL ROSLI

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SUMMARY

Final year student in Intelligent Systems Engineering (AI), focusing on Data Science, seeking internship opportunities as a data analyst, data engineer, or data scientist in commerce, IT, or related fields. Proficient in SQL, Python, R, Microsoft Power BI, and Tableau. Possess strong problem-solving skills developed through academic projects and hands-on experience with machine learning, data visualization, and Big Data technologies. Capable of working independently or within teams to deliver high-quality results. **Available to start an internship from March 9, 2025, until June 12, 2025.**

EDUCATION

UNIVERSITI TEKNOLOGI MARA(UiTM)   Merbok,Kedah,Malaysia
Bachelor of Information Systems (Hons.) Intelligent System Engineering   2023-2025
Cumulative CGPA: 3.50/4.0;
Dean's List Award: Semester (3,4,6)
Relevant Coursework: Information Systems, Business Data Analytics; Machine Learning; Data Mining

UNIVERSITI TEKNOLOGI MARA(UiTM)   Merbok,Kedah,Malaysia
Diploma in Computer Science   2020 - 2023
Cumulative CGPA: 3.20/4.0
Relevant Coursework: Fundamentals of Data Structure, Computer Security; Programming Paradigms; Database Design;

WORK EXPERIENCE

GOOGLE DEVELOPER STUDENT CLUB MALAYSIA (GDSC MALAYSIA)   Remote
Members of Technical Team (Frontend Development)   Nov 2023 – Feb 2024
- Responsible for frontend development for Kitahack 2024's website with other team members.
- Utilized Angular for the front-end development
- Optimizes web performance with other team members
- Collaborated with other team members to find and fix bugs

DINAMIQ AGENCY   Bayan Lepas, Penang
IT Intern   Sep 2022-Feb 2023
- Designed visually stunning and user-friendly WordPress websites using Elementor
- Produced video content with Adobe Premiere Pro and Davinci Resolve to enhance agency branding
- Collaborated with a cross-functional team to enhance user experience and site performance in the WordPress ecosystem
- Utilized Canva and Adobe Photoshop to design engaging visuals across digital platforms

SKILLS

Programming Languages: Python, R, SQL, Javascript, HTML, CSS, Java, Go
Library/Frameworks: Next.js, React, Pyspark, Django, Flask, Numpy, Pandas, Matplotlib
Web Development: React, Next.js
Data Visualization: Microsoft Power BI, Tableau, Looker
Databases: Postgresql, Firebase, BigQuery, MongoDB
Management Tools: Git, Github, Jupyter Notebook, Gitlab
Design: Figma
Others: Microsoft Office 365 (Word, Excel, PPT, Outlook), WordPress, Weka, RapidMiner

HIGHLIGHTED PROJECTS

HeartCare: Predictive Analytics for Early Detection and Prevention ([FYP])   Dec 2024
- Designed and developed a web-based system to showcase the prediction system
- Develop a prediction model to predict heart disease using the Jupyter Notebook
- Facilitates early detection of heart disease
- Leverages machine learning algorithms to improve prediction accuracy
- Enhance health outcomes through accurate predictions

Sentiment Analysis of Reddit Users' Opinions on the Israel-Palestine Conflict ([Link])   Jun 2024
- Provide insights into public perception of the Israel-Palestine conflict
- Analyze sentiment trends and patterns using Python and RapidMiner
- Understand key sentiments expressed by Reddit users
- Contribute to a deeper understanding of this complex geopolitical issue

MyPredictC - Analyzing COVID-19 Clusters in Malaysia (2020-2023) ([Link])
- Developed a dashboard to identify high-risk areas using Microsoft Power BI
- Performs ETL to examine trends in cluster size, duration, and location
- Track active periods and total cases within clusters
- Set a precedent for data-driven, localized pandemic management globally

Suicidal Tweet Detection on X (formerly Twitter) ([Link])
- Develop a machine-learning model to detect suicidal ideation in tweets
- Utilize Natural Language Processing (NLP) techniques in Python to analyze social media text
- Provide insights into how language patterns indicate distress and suicidal thoughts
- Contribute to early intervention by identifying at-risk individuals and supporting mental health care efforts

EXTRACURRICULAR ACTIVITIES

COSMIC SOCIETY   Merbok, Kedah, Malaysia
Member of Multimedia   2023 – Present
- Created social media content for Cosmic Society's social media platforms Instagram
- Organized all the multimedia content for the Cosmic Society's activities
- Collaborated with other team members to design and implement social media campaigns
- Analyze social media metrics to optimize content strategy

AWARDS & ACHIEVEMENTS

IREx Invention, Innovation & Design (IID) Silver Award   Merbok, Kedah, Malaysia
Participants of IREx 2024   Jun 2024
- Participated in IREx 2024 with a group project "MyPredictC": Covid-19 Prediction
- Developed a dashboard using Microsoft Power BI that identifies high-risk areas, analyzes cluster trends, and monitors total cases from 2023 to 2024
- Demonstrates innovative use of data analytics in health crisis management

myHCI-UX Student Design Competition (Development Category) Silver Award   Remote
Participants of my HCI-UX   Feb 2024
- Participated in my HCI-UX to showcase a mobile application design for a project titled "Kiosk Prihatin"
- Achieved silver award in the development category
- Demonstrated innovative design skills and creativity
- Utilized Figma for the design and prototype

PUBLICATIONS

Kiosk Prihatin: UiTM Food Donation Application([Link])
Merbok,Kedah,Malaysia
myHCI-UX · December 2, 2023

CERTIFICATIONS

- Javascript Essential 1 **- Cisco Networking Academy ([Link](#))**   Nov 2023
- DD Database Design Learner **- Oracle ([Link](#))**   May 2023
- Database Programming with SQL **- Oracle ([Link](#))**   May 2023
- 5G Pioneers Program **- Ericsson Telecommunications ([Link](#))**   Feb 2023
- Introduction to Data Science in Python - **Data Camp ([Link](#))**   Aug 2024

SPOKEN LANGUAGES

Languages: Fluent in Malay and English (able to write & speak formally and informally)

REFERENCES

Dr. Mazura Mat Din,
Senior Lecturer,
KP Pengkomputeran, Informatik & Matematik,
UiTM Kampus Sungai Petani,
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