HAIRULNIZAM HASHIM

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EDUCATION

UNIVERSITI PUTRA MALAYSIA (UPM)   **SERDANG, SELANGOR**
BACHELOR OF ELECTRICAL AND ELECTRONICS ENGINEERING WITH HONOURS   *August 2020 – August 2024*
- Recipient of Elcorp Technology Scholarship Award
- Dean list 2nd Semester

EXPERIENCE

ROBOTICA   **SERI KEMBANGAN**
FREELANCE RPA DEELOPER   *FEB 2023 – PRESENT*
- Developing, implementing, and maintaining automation solutions to enhance operational efficiency across many software based on client requirement
- Increased reporting efficiency by 30x by automating model performance report generation in various tasks.

ELCORP TECHNOLOGY   **BANGI, SELANGOR**
MEP ENGINEER INTERN   *July 2022 – October 2023*
- Developing detailed plans for mechanical, electrical, plumbing, and fire protection systems tailored to the specific requirements of the Masjidil Haram Building project.

BUSSINESS PROCESS ASSOCIATE   **PUTRA HOLDINGS BERHAD**
- Conduct analysis and reviews on various business processes   *April 2020 - July 2022*

PROJECTS

UNIVERSITI PUTRA MALAYSIA (UPM)
BREAST CANCER DETECTION MODEL USING YoLoV8   *August 2023 – Present*
- Developed a deep learning model. Aimed to achieve unparalleled accuracy and efficiency in identifying potential malignancies with able to decrease test time to 60% less using Yolov8. Involve a lot of cooperation with Hospital Kuala Lumpur and Hospital Sultan Abdul Aziz Shah

UNIVERSITI PUTRA MALAYSIA (UPM)
ALGORITHMIC TRADING STOCK PRICE DETECTION MODEL   *July 2023 – January 2024*
- Designed and developed a stock price prediction model using LSTM, leveraging live data from yfinance, preprocessing for insights, and deploying via Streamlit, providing accurate, real-time financial forecasting for investors.

UNIVERSITI PUTRA MALAYSIA (UPM)
PNEUMONIA PREDICTION MODEL USING FastAI (COMPUTER VISION)   *November 2022 – January 2023*
- Developed a pneumonia detection model using FastAI, leveraging chest X-Ray data to classify patients, tuning a ResNet model, and enhancing my skills in neural networks and deep learning.

HONEYWELL SUSTAINABILITY STEM COMPETITION
CLOSED LOOP WATER RECYCLE (CLOOR) SYSTEM   *October 2021 – December 2021*
- Created a sensor system to detect the quality of water to be recycled in order to reduce or eliminate landfill waste and implement a system that can help the user to recycle water for for industrial processing real time using a mobile application.

HACKCORRUPTION SEA REGION
TRANPARENCY BUDGET SYSTEM   *January 2024*
- Represent Malaysia and do project at #HackCorruption focuses on enhancing transparency in budget allocation for government agencies and beneficial ownership in the private sector. By implementing innovative solutions, we aim to promote accountability and integrity in both sectors.

ACHIEVEMENTS & SKILLS

- Represent Malaysia For HACKCORUPTION SEA Region
- Selected as Axiata Digital Leader Programme For Youth 2024 Cohort 1
- Won total of 9 competitions (2 international & 3 national)
- Certificate in White belt Lean Six sigma, Google Bussiness Intelligence, Automation Anywhere 2019
- Familiar with C#, Java, Python ,C++ language and Ml framework like Tensorflow, Scikit Learn, Pytorch and Keras