AIMAN HASNI BIN ZAZANI

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OBJECTIVE

To obtain a professional experience in the industry utilizing my relevant studies, technical and problem solving skills.

EDUCATION

National University of Malaysia (UKM), Bangi, Selangor.
Bachelor of Computer Science with Honour (Intelligent System), September 2018 **CGPA: 3.37**

Selected Coursework: Algorithm and Data Structures (Java), Web Applications, Database Applications, Human-Computer Interaction, Computer Systems (Unix), Machine Learning, Robot Application, Computer Vision, Internet of Things

SKILLS

Coding: C/C++, Java, PHP, Python, Javascript, HTML, CSS, ROS
Technologies/Environment: Windows, Microsoft Office, Linux, MySQL, Django, Design (UI/UX), Data analysis & Engineering, YOLO, Object Detection, Web Development, Machine Learning, Unity, Adobe Photoshop, Illustrator.

EXPERIENCES/ACTIVITIES

Vice President Sharing The Happiness Programme, Kolej Keris Mas (December 2018)
- Manage CSR event in Kuala Lumpur to distribute foods and gifts to the homeless and orphans.

Coordinator of School at FTSM, Fakulti Teknologi dan Sains Maklumat **(March 2019)**
- Facilitate participants to develop simple Mario-like game using Stencyl and Unity IDE.

Facilitator of Kolej keris Mas 2019/2020 session, UKM, Bangi (September 2019)
- Welcomed freshman year students and assisted them in orientation week.

Fast Event sdn bhd Data Entrist, Petaling jaya, Selangor (January 2020)
- Successfully hit company KPI for the whole working involvement.

Freelance Website Designer & Graphic Designer, (January 2020)
- Handled several small business digital store using CMS and do design upon customer requirements.

Head of media for Kejohanan Badminton Piala Tun Hasmah UKM (March 2020)
- Successfully managed huge media team and successfully delivered design requirements.

PROJECTS

Gig Economy Portal and Sentiment Analysis Implementation (March 2021) – Final year project (Ongoing)
- Develop fully function portal for job searching and posting in gig economy sector using Django.
- Analyse twitter sentiment using tweets data and made polarity categorization using machine learning algorithm and python library. Results from data analyzed will be visualized in dashboard of the portal.

Automated Number Plate Recognition **(September 2020)** ─ *Computer vision project using java*
- Preprocessed plate number images from Ondrej dataset to localize box of number plate from car images.
- Output is a cropped and processed image of a readable number plate.
- Used several algorithm eg: Otsu Thresholding, for image processing in java language
- Link for the project https://github.com/aimnhsni/ANPR-Java

Object detection using YOLOv3 **(September 2020)** ─ *Detect PPE on constructor worker (vest, helmet and people)*
- Annotated images of construction worker using python and anaconda environment. Trained model using Yolov3 in google colab. The trained model succeed to detect PPE in real time video using webcam with good accuracy.
- Link for the project https://github.com/aimnhsni/helmet-detection

REFERENCES

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