



AZMIL AFIFI

SOFTWARE ENGINEER | PROJECT MANAGER

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INFO

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CAREER HIGHLIGHTS

Junior AI Engineer

Assistant Project Manager

EDUCATION

**FOUNDATION IN ENGINEERING AND COMPUTER
SCIENCE(CFS IIUM) (2014-2015)**

-Dean's List (2014-2015) Graduating CGpa:3.9

BACHELOR OF AEROSPACE ENGINEERING

International Islamic University Malaysia | 2015 - 2019

-Dean's list (2015)

PROFESSIONAL SUMMARY

An aerospace engineering graduate with 1-2 years experience working in IT company. A proactive, multi-tasker and great team player seeking to hone engineering/programming skills and knowledge in professional setting. A self taught programmer determined to learn new things and skills. Currently exploring the world of web development preferably frontend related. I am also interested in other fields other than engineering to enhance my skillset.

EXPERIENCE

JUNIOR AI ENGINEER | ASSISTANT PROJECT MANAGER

SKYMIND| MAY 2021 - JUNE 2022

Junior AI Engineer

- The first project involved was the xpressai marketplace website
- Created a simple and interactive cli program for the marketplace to send request and receive information through API using python
- Second project involved was the Vpass project. Vpass product consists of a web application and a mobile application
- Perform testing for the dashboard in the web application and suggested some improvement to make the web app more interactive
- Studied and presented on uses of MYSQL database, hands on with basic query language
- A self taught web developer using react js.

Assistant Project Manager

Vpass project

- Learned the importance of Design Thinking Process and created a playbook for company reference
- An agile practitioner and familiar with agile methodology such as scrum, scrum master and etc
- Perform market research and benchmarking to find new features to be added in the web application or mobile application
- Created mock up/ wireframe using tools such as canva, miro and figma for visualisation
- Manage tasks distribution using teamwork
- Directly communicate with clients to handle issues and bugs

Skyfense project

- Created business proposal, budget planning and timeline for the start up of this project
- Created mock up design for a web application dashboard and mobile application for this project
- Communicate with external suppliers for software and hardware requirement information for network setup
- Market research for equipment setup

SKILLS

Web Development:

Javascript/CSS/HTML/PHP



React



Programming languages:

C/C++/MatLab



Python/Java/Git



Project Management:

Agile Methodology



Engineering:

Solidworks, Ansys, CAD



Other Skills:

Presentation, Marketing



Microsoft Office (words,excel)



Design (canva, figma)



EXPERTISE

WEB DEVELOPMENT

ENGINEERING

PROJECT MANAGEMENT

DESIGN

INTERESTS

ENTREPRENEURSHIP, BUSINESS

PROGRAMMING

SPORTS, GAMES

MUSIC, ARTS

EXPERIENCE CONTINUED

APPRENTICESHIP (Data Annotation Specialist)

SKYMIND| SEPTEMBER 2020 - MARCH 2021

- Acquire open source data and label the data to assist engineers develop deep learning model
- Designed a 3D model for camera mounting using CAD software
- Learned fundamentals of deep learning and machine learning algorithms
- Learned deep learning with java using DL4J
- Learned machine learning using python and hands on experience with libraries such as numpy, pandas and tensorflow
- Tested a computer vision model's performance on a microprocessor (raspberry pi)
- For apprenticeship project, managed to do research on human detection in the ocean for search and rescue purposes

INTERNSHIP

DELLOYD SDN BHD| JUNE 2017- SEPTEMBER 2017

- Involved in Advanced Driver Assistance System (ADAS) project to develop autonomous driver assistance application
- Handle Data Acquisition part in the project
- Perform data collection in the form of video through camera attached to a vehicle
- Data collection done in different situation such as day, night and rainy condition to make sure AI model is more robust to different scenario
- Convert video into image frames for data labelling (bus, van, lorry and etc)
- Began studying and get introduced to basics of Artificial Intelligence and autonomous driving

TUTORING

PRIVATE HOME TUTORING | 2014- PRESENT

- Maths, add-math, physics, chemistry (SPM, IGCSE, University)
- Teaching web development using HTML, CSS, Javascript, php and MYSQL
- Guided student creating a web application for high school project

FINAL YEAR PROJECT

FYP | 2018-2019

- Studied the effects of splitter plate on bluff body drag
- Worked using Ansys software and also Solidworks
- Run simulation for data acquisition

TEAM LEADER

INTEGRATED DESIGN PROJECT | JAN. 2018 - MAY 2018

- Managed a team developing a multipurpose machine with safety feature
- Designing using solidworks and created a prototype

AWARDS AND ACHIEVEMENTS

CHEMISTRY APPRECIATION AWARD

RECOGNITION FOR CHEMISTRY IN FOUNDATION | 2014

PUBLISHED A CFD RESEARCH PAPER IN AKADEMIA BARU

CFD ANALYSIS OF SPLITTER PLATE ON BLUFF BODY | 2019

PUBLISHED A JOURNAL IN ELSEVIER

NUMERICAL INVESTIGATION OF SPLITTER PLATE EFFECT ON BLUFF BODY USING FINITE VOLUME METHOD | 2020

CERTIFIED DEEP LEARNING ENGINEER

CERTIFIED ENGINEER IN COMPUTER VISION | 2021