

AFIF FAIZ BIN JUSOH

Bachelor of Engineering (Mechanical Engineering)

The University of Sydney, Australia

Mobile: +60 13459 1254

Email: afiffaizjusoh@gmail.com

A122, Apartment Permai, Jalan PJU 10/1 Damansara Damai, 47830

Petaling Jaya, Selangor



PROGRAMMING

Python, MATLAB



C#



JAVA



VISUALISATION

Microsoft Excel



Microsoft Power BI



Tableau



KNOWLEDGE

- Unity AR Core
- Android Studio
- Visual Studio
- MS SQL
- AutoCAD
- Autodesk Revit
- Nevisworks

SKILLS

- Dashboard Development
- Data Analytics
- Augmented Reality

PROFESSIONAL DEVELOPMENT

- Creative Problem Solving & Decision Making
- Persuasive & Influential Communication Skills
- High Impact Presentation Skills
- Project Management Skills

REFERENCES

Muhammad Fareez Abdul Razak
Senior Engineer

Manimaran Ramiya
Manager

Contact details is available upon request

WORK EXPERIENCE

Gamuda Engineering Sdn Bhd

Apr 2018 – Present: Design Engineer

- Designed mechanical and electrical services for building & train station by using Revit MEP and AutoCAD.
- Designed road tunnel mechanical and electrical system especially on the tunnel ventilation system.
- Coordinated design drawings by using Revit and Nevisworks.
- Integrated BIMAR software (Unity based Augmented Reality Software) from iOS to Android platform.
- Involved in Engineering Design and Project Management for mega projects.
- Performed Data Analysis on utility clashes data which helped to optimise piloting and utility relocation planning works.
- Involved in design and cost optimisation exercise on mechanical and electrical services for train stations.
- Planned common electrical infrastructure and power supply for new city development by analysing population growth projection data.

Freelance

Apr 2019 – Present: Program Developer

- Enhanced and maintained a products handling mobile application by using Android Studio (Java)
- Developed an interactive dashboard for warehouses data by using Power BI and Tableau
- Developed an Android mobile application for product component checking by using Eclipse (Java EE)

Aerospace Composite Malaysia Sdn Bhd

Nov 2016 – Feb 2017: Industrial Trainee

- Exposed to Lean Engineering and Kaizen practices.
- Performed Exploratory Data Analysis (EDA) by using Excel Dashboard on product defects data which helped the Manufacturing Line to find the cause and adjust the manufacturing process. The product defects reduction was more than 50%.
- Involved in doing Request for Quotation and Bill of Materials documentations for new products.

EDUCATION

The University of Sydney, 2014 – 2017

Bachelor of Engineering, Mechanical Engineering

- Generate a jet engine burn model using MATLAB and Cantera (Python)
- Develop MATLAB code to control a drone flight and guide it to avoid obstacles using the shortest path.

Mara College Seremban, 2011 – 2013

Cambridge CGE A-Level, Engineering

- 15 points out of 15 with A* in Physics and Pure Mathematics
- 2nd place inter college chess tournament

Sultan Mohamad Jiwa Science Secondary School, 2006 – 2010

Sijil Pelajaran Malaysia (SPM)

- 9A with A+ in Physics, Additional Mathematics and Mathematics
- State representative to national chess competition