AMIR AIZAT BIN MOHD ARIFF

ELECTRICAL AND ELECTRONIC ENGINEERING UNDERGRADUATE

No 11, Jalan Dahlia 9/3
Taman Dahlia, BBST
Sepang
43900 Selangor

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☎ +60193284030

🎓 EDUCATION

2014
MEng(Hons) Electrical and Electronic Engineering
University of Manchester, UK
Current Grade Point: 72.417 (1st Class)

2012
Cambridge A-Level
Kolej Mara Seremban
A-Level Result: 15/15 points
IELTS Test: 6.5

2010
Sijil Pelajaran Malaysia(SPM)
SM Sains Alam Shah, Cheras
SPM Result: 9A

💼 JOB EXPERIENCE

Zafar De Gemilang Bookstore (Sale Assistant)

Able to work independently and also work efficiently within a team.
Responsiblities:
- Cashier.
- Price tagging on each item.
- Photocopy, laminate and printing services.
- Dealing with the supplier for stock replenishment.

⚙️ PROJECTS

Line-Sensing Electric Buggy

Develop a line sensing buggy that can distinguish between white line and other surfaces using infrared sensor. The buggy also must able to turn on corner, move up an inclined plane, turn around at the first end of line and stop completely at the second end of line. Numbers of software involve during the process.

- Solidwork for chassis design and perform stress analysis for material selection.
- Altium Designer and Multisim for circuit layout and PCB design for sensor array.
- MPLAB X IDE for code construction in C language to perform desired buggy's control behavior with implementaion of PID controller.

Android application interface for Electric-based vehicle

Design an android application using Android Studio with JAVA language that create interaction between the tablet and the vehicle via Bluetooth. The application must be able to perform required task.

- Show speed and battery level of the vehicle.
- Multiple real time graph such as speed over time graph for data mining purposes.
- Perform some basic control such as turn on the headlamp.
- Clean design for user interface.

The project also involves knowledge of CAN network within vehicle to ensure correct message identifier is being used.

PERSONAL DETAIL

Age: 23
Marital Status: Single
Health: Excellent
Willingness to travel: Yes

OBJECTIVE

Seeking for an internship in which I can learn as much as possible while making a real contribution.

PROFILE

Punctual and motivated individual who is able to work in a busy environment and produce high standards of works.

Excellent team worker and willing to learn as well as develop new skills.

Organized and systematics person who really love perfection in every aspect.

SKILL SETS

LANGUAGE
- Malay
- English

SOFTWARE

PCB and Circuit Design
- Multisim
- Altium Designer

Simulation
- MATLAB
- LabVIEW

Programming
- MPLAB X IDE
- Android Studio

Modeling
- Solidwork
- AutoCAD

Microsoft
- Word
- Excel
- Power Point

Adobe
- Adobe Ligthroom
- Adobe Photoshop

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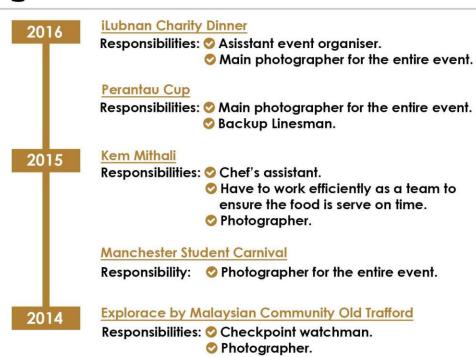No 11, Jalan Dahlia 9/3
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AWARDS

2014

🏆 Award of Excellent
For achieving all 15 points in A-Level examination.

2011

🏆 Anugerah Pencapaian ASiS
For achieving straight A in SPM examination.

INTEREST

Photography

Developed my passion in photography since I bought my first DSLR in 2013. Occasionally travel around europe to capture the scenery during my study period in Manchester.

Here are some of the my personal achievements in photography.

- Become official stock photo contributor for many photo agencies such as Shutterstock, Getty Image, iStock, Fotolia and Adobe Stock.

- Manage to earn more than $100 a month from selling stock photos.

- Recognised as photographer within community and often invited for many occasions in the community.

- Become a wedding photographer.

REFEREE

Dr Rebecca Todd
Lecturer
Sackville Street Building-A6C,
School of Electrical and
Electronic Engineering,
The University of Manchester,
M13 9PL
Tel: 0161306-4689
rebecca.todd@manchester.ac.uk

👥 COMMUNITY SERVICES

2016

iLubnan Charity Dinner
Responsibilities:
- Asisstant event organiser.
- Main photographer for the entire event.

Perantau Cup
Responsibilities:
- Main photographer for the entire event.
- Backup Linesman.

2015

Kem Mithali
Responsibilities:
- Chef's assistant.
- Have to work efficiently as a team to ensure the food is serve on time.
- Photographer.

Manchester Student Carnival
Responsibility:
- Photographer for the entire event.

2014

Explorace by Malaysian Community Old Trafford
Responsibilities:
- Checkpoint watchman.
- Photographer.

Manchester For Gaza
Responsibilities:
- Assistant event organiser.
- Responsible for donation collection.

🏃 EXTRA CURRICULAR ACTIVITIES

2016

Participant
Malaysian Community Old Trafford Bowling Tournament
- 1st Place men group category.

Participant
iLubnan Charity Bowling Tournamnet
- 2nd Place men individual category.

2015

Participant
Sheffield Malaysian Game
- 3rd Place in Tuju selipar.

2012

Participant
Kursus Jabatan Pertahanan Awam(JPAM)

2011

Multimedia Bureu
Asis Islamic Council

Treasurer
Multimedia Society

Treasurer
Badminton Society