

NIK MUHAMMAD NUZUL BIN NEK MOHAMED

| +447719944030 | nik.nuzul@gmail.com | 113 Headford Gardens, Sheffield, S3 7XB, UK |

PROFESSIONAL SUMMARY

A final year student taking MEng degree in Computer System Engineering at the University of Sheffield. Looking for graduate opportunities that can further improve technical skillsets and gain work experience.

EDUCATION

2020	University of Sheffield MEng in Computer System Engineering This degree focuses on designing computer and software systems which are used in safety-critical applications like infrastructure, medicine and aviation.
2016	MARA Banting College International Baccalaureate Diploma Programme (35 points) – Honor Roll <ul style="list-style-type: none">Malay SL (6), English HL (6), Chem SL (6), Physics HL (5), Maths HL (5), Economics SL (5)Theory of Knowledge (B), Extended Essay (B)
2013	Taman Tun Dr Ismail Secondary School Sijil Pelajaran Malaysia (SPM) GCSE equivalent 3A+, 2A, 4A-, 1B

PROJECTS

Ongoing	Reinforcement learning on autonomous car to solve a set of problems
2019	Mini smart grid that uses solar panel controlled by Maximum Power Point Tracking (MPPT) to maximise the power produced Developed a closed-loop Helicopter Controller which has multiple input and multiple output
2018	Motorised Etch-A-Sketch to help a disabled person to draw using only two buttons for control over direction and movement of drawing pencil Design and implemented a multifunction embedded system using STM32F4Discovery board which had two modes of operation
2016	Built the hardware and programmed the software of an autonomous four wheeled robot that was able to navigate itself to a beacon while avoiding obstacles

SKILLS

Language

Malay (native)
■■■■■■■■■■
English
■■■■■■■■■□

Professional skills

Entrepreneurship
■■■■■■■■■□
Project Management
■■■■■■■■■■

Programming Language

C
■■■■■■■■■□
C++
■■■■■■■■■□
Java
■■■■■■■■■□
Python
■■■■■■■■■□

Engineering software

MATLAB
■■■■■■■■■□
LabVIEW
■■■■■■■■■□

Photo/Video editing

Lightroom CC
■■■■■■■■■■
Adobe Premier Pro
■■■■■■■■■□

EXPERIENCE & LEADERSHIP

- 2019**
- Co-founder of Hijau**
 - Digital start-up aiming to spread awareness on environmental issues and help to conserve our ecosystem. Building a greener community, one step at a time.
 - Director of Sheffield Malaysian Night**
 - Communicated and liaised with all parties involved, including actors, the creative team, the production team and producers.
 - Organised rehearsals and oversaw progress and development.
- 2018**
- Project and Events Officer of iCube**
 - iCUBE is a non-profit, student-led organisation that seeks to encourage entrepreneurship and innovation amongst Malaysian students in the United Kingdom & Eire.
 - Planned and executed projects and events.
- 2015**
- Vice President and Co-founder of SHIELD for Philippines**
 - Sharing Ideas Enlightening Life's Definitions (SHIELD) for Philippines is a non-profit organization that strives to assist the poor and homeless children in Philippines to receive adequate formal education.
 - The company has held multiple fund raising events and highlighted the awareness of the rising number of unfortunate children in Philippines.
 - Main actor of the play "Death of a Salesman" by students of MARA Banting College**
 - Practised every night with other actors for 3 months at the same time keeping up with studies.
 - Performed in front of over 300 people.
- 2013**
- Assistant Head Prefect of Taman Tun Dr Ismail Secondary School**
 - Responsible for representing the school at events.
 - Serve as a good role model for students and share pupils' ideas with the school's leadership.
 - Lead fellow prefect in their duties.

WORKING EXPERIENCE

GRADUATION PHOTOGRAPHER – Teratak Kaseh Photography

June 2019 – July 2019 (1 Month) over 15 clients

CUSTOMER SERVICE – MPH Bookstores Sdn. Bhd, The Curve Shopping Centre

January 2013 – February 2013 (2 Months) with basic salary RM850 per month

HOBBIES AND INTEREST

- **Photography/Videography:**
 - Likes to take pictures and videos when travelling to other places
 - Samples of pictures and videos are available upon request
- **Football**
 - Weekly five-a-side football with friends
 - Participated in several football competitions

References are available on request