

# AHMAD NAZHAN BIN SUKRI



## Bachelor of Electronic Engineering with Honours

011-23098381      nazhansukri11@gmail.com  
<https://www.linkedin.com/in/ahmad-nazhan/>  
<https://github.com/nazhansukri11>

## EDUCATION

- 2018-2022      UNIVERSITI SAINS ISLAM MALAYSIA**  
Bachelor of Electronic Engineering with Honours  
CGPA: 3.29
- 2017-2018      UNIVERSITI SAINS ISLAM MALAYSIA**  
Foundation (Tamhidi) of Science and Technology  
CGPA: 3.61
- 2012-2016      SM INTEGRASI SAINS TAHFIZ MAIWP(SMISTA-MAIWP)**  
Sijil Pelajaran Malaysia (SPM)

## SKILLS

### PROGRAMMING LANGUAGE

- PHP, HTML, CSS, Laravel Framework, Bootstrap, ReactJS, JQuery, Sass, Javascript, Typescript, Node Js

### COMPUTER SKILLS

- **REST API**, TCP/IP, SolidWork, PsPice, Tinkercad, OptiSystem, Wireshark, Proteus, Matlab, Adobe Photoshop, Adobe Premier Pro, Adobe Lightroom

### TECHNICAL SKILLS

- Arduino, C++, AWS, Microsoft Azure, GIT, Basic Linux, IoT, Raspberry Pi

## PROFESSIONAL EXPERIENCE

### SOFTWARE DEVELOPER INTERN AT UZMA INTEGRATED SOLUTION

AUG 2021-OCT 2021

- Developed Prochain Project involving IoT Hub, Raspberry Pi Simulation, Service Bus and Queue, Logic Apps, and Azure Blockchain Workbench.
- Programmed Smart Contracts using Solidity Language and deploy to Azure Blockchain Workbench
- Participated in training related to DevOps, Github, Dockers, Unit Testing and Project Management



### ENUMERATOR FOR UNIVERSITY PHYSICAL ROBOT DEVELOPMENT

AUG 2020-SEPT 2020

- Designed 3D Printing model using SolidWork for robot's part
- Programmed Arduino and Raspberry Pi 4 using C++ and Python
- Planned the robot with quality and organised daily report to lecturer

### FREELANCE PHOTOGRAPHER AND DESIGNER

- Delivered clients' photos within the expected time
- Designed shop signboard, boxes, and business card within expected time

## TRAINING & PROJECT

### AWS Certified Cloud Practitioner

- Upgraded knowledge on the fundamental and foundation of Cloud Computing
- Improved Cloud Computing skills by learning core services in AWS including AWS EC2, Lambda and S3

### Developed Book Listing Web Application for personal project

- Developed book listing system using PHP, Laravel, MVC, MySQL, Laragon, Apache, HeidiSQL and Bootstrap

### Developed Final Year Project 'Automatic Human Detection in Aerial Thermal Imaging using Deep Learning'

- Trained and tested aerial thermal imaging dataset using YOLOv3 and YOLOv4
- Analysed model performance between YOLOv3 and YOLOv4

### Developed Smart Village Idea and Concept for Capstone Project

- Developed the prototype using IoT concept using Arduino boards, ESP 32 and sensors
- Managed team as a leader to win several awards in competitions participated

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# LEADERSHIP

2020

**1) Head of Multimedia and Marketing Persatuan Mahasiswa Fakulti Kejuruteraan dan Alam Bina**

- Managed to work under pressure within the due date in designing digital poster with quality

**2) Head of ART-C Club, Kelab Multimedia dan Keusahawanan Seni, Pusat Kebudayaan USIM**

**3) Organised and planned out Multimedia Workshop 2020**

2019

**1) Organised Asian Arabic Debating Championship 2019 as a Member of Multimedia and Publicity**

- Increased 1000 Instagram followers within 3 days with quality content and proofread
- Enhanced communication skills while establishing network with international students from Oman, Kuwait and Qatar

**2) Photographer and editor for Convocation Photoshoot and many Formal Ceremonies involving the university's high management**

- Boosted club revenue and developed business skills as well as professional photographer ethics

**3) Organised Faculty Dinner in 2019 as a Member of Protocol**

**4) Organised Community Service Program 2019 in Negeri Sembilan as a Head of Transportation**

**5) Represented university as a Committee of National Science Week 2019**

**6) Volunteered as committee in Board of Engineering Malaysia (BEM) Negeri Sembilan Dinner 2019**

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# ACHIEVEMENTS

**1) Gold Medal and Special Award in Karnival Inovasi UTemEX2021**

**2) Gold Medal Pertandingan Rekacipta & Inovasi Nasional (PRIN 2021) UKM**

**3) Participated University Startup Challenge 2021(USC 2021) Ideacamp**

**4) Runner-up C Programming Competition for Professional 2021**

**5) Runner-up Robotic Video Competition 2020**

**6) Speaker for Faculty Premier Pro Workshop 2021**

**7) Anugerah Kreativiti Alfarabi 2021**

**8) Biasiswa Program Ijazah Dalam Negara, Jabatan Perkhidmatan Awam**

**9) Band 4 for Malaysia University English Test (MUET)**

**10) Champion Futsal Competition in Faculty Sports 2019**

**11) 2nd Runner-up 4x100m Track and Field Competition in University 2018**

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# REFERENCES

**1) Ts. Dr. Mus'ab bin Sahrim**

Deputy Dean (Student Affairs and Alumni)  
Faculty of Engineering and Built Environment  
Universiti Sains Islam Malaysia  
musab@usim.edu.my  
019-6321019

**2) Dr. Marinah binti Othman**

Senior Lecturer  
Faculty of Engineering and Built Environment  
Universiti Sains Islam Malaysia  
marinah@usim.edu.my  
013-3974522