



# MUHAMAD BADRUL AMIN BIN MOHD TARMIZI

✉ mbadrulamin123@gmail.com 📍 Kuala Lumpur, Malaysia ☎ +6011-10696674

🌐 LinkedIn - [www.linkedin.com/in/muhamadbadrulamin](https://www.linkedin.com/in/muhamadbadrulamin)

📁 Portfolio - <https://mbadrulamin.github.io>

🐙 GitHub - <https://github.com/b4drul>

## OBJECTIVE

Dedicated and self-motivated programmer with a strong background in computer science study. Seeking for a software engineer position to apply my technical expertise, problem-solving skills, and a passion for developing robust solution. Eager to learn more and collaborate with others to deliver high-quality code.

## EDUCATION

Bachelor of Computer Science (Hons), Universiti Sains Islam Malaysia 2019 – Present  
CGPA: 3.93

Tamhidi of Science and Technology, Universiti Sains Islam Malaysia 2018 – 2019  
CGPA: 3.34

Sek Men Agama Majlis Agama Islam Wilayah Persekutuan (SMA MAIWP) 2013 - 2017  
SPM 2017

## WORKING EXPERIENCES

### **Internship Programme | March 2023 – July 2023 | NetbyteSEC Sdn Bhd**

Learn a lot of knowledge related to cyber security including web pentest, mobile pentest, WiFi pentest, computer forensic, reverse engineering and malware both from offensive security team and detection team. In development, I learn Laravel framework, Vue and also Angular. Knowledge in cyber security help me to create a secure coding. Involve in creating CTF questions and setting up the platform. Involve in honeypot project. Involve in software development team in CRS project.

## PROJECTS

### **Client Roster System (CRS) Project | NetbyteSEC Internship 2023**

Involve in CRS project with Java development team by helping the team in fixing known bugs using Java and the backend and Angular as the frontend framework. The project demonstrated my ability to analyse complex system, fix bugs and do enhancement on the system.

### **FinEx | Hong Leong Bank Hackathon | 2021**

FinEx which stands for Financial Exposure was an idea in 48 hours Hackathon organized by Hong Leong Bank. It is an android mobile application that is built to solve financial literacy among the young generation.

## An Naqlu | MaGIC Innovation Competition | 2021

An innovative transportation system project focusing to help university students at low cost. The competition was organised by Malaysia Global Innovation and Creative Center (MaGIC).

## iBus | Bus Management System | 2021

iBus was developed for the Software Engineering subject. It was intended to improve the bus management system in USIM where students and drivers could see the real-time bus location, pathway, schedule, and demand.

## Honeypot Project | NetbyteSEC Internship 2023

Involves in setting up a simulated system with vulnerabilities to attract attackers. The purpose of this project is to gather information and learn how their attack, techniques, intentions and how to enhance the security.

## Object Detection from Unmanned Aerial System Using Deep Learning Algorithm | Final Year Project | 2022

Creating a real-time detection system using the Yolov5 model architecture with the integration of a VTOL drone. A Cognitive Project Management for AI (CPMAI) methodology is being used throughout the project.



## CERTIFICATIONS AND TRAINING

### HCIA-AI | Huawei Technology | Dec 2021

HCIA-AI certification is intended to popularize AI and help understand Deep Learning and learn the basic capabilities of programming based on the TensorFlow framework, as a motive to promote talent training in the AI industry.



## SKILLS



Java

Proficient



Spring boot

Intermediate



MySQL

Proficient



Android Studio

Proficient



Python

Proficient



Laravel

Intermediate



PostgreSQL

Proficient



PHP

Intermediate



Angular

Beginner



Firebase

Proficient



Proficient



Vue.js

Beginner



Docker

Proficient



## AWARDS AND ACHIEVEMENTS

### **Deal List Award | Faculty of Science and Technology**

Accomplished dean list award for every semester. Awarded by the Faculty of Science and Technology, USIM.

### **GOLD MEDAL and Top 5 International Learning Innovation Competition 2022 (PIP 2022)**

Innovation competition organized by University Teaching Learning Center (UTLC), UUM

### **GOLD MEDAL International University Carnival on e-Learning 2022 (IUCEL 2022)**

A group of four participated in the Invention, Innovation & Design on e-Learning (IIDEEL) Competition category. FinEd: Financial Literacy Through Edutainment.

### **GOLD MEDAL 2nd Innovation Bank Challenge 2022 (IBC'22)**

A competition organized by USIM focusing on contribution to the ummah through innovative solutions.

### **SILVER MEDAL International e-Content Development Competition 2022 (eCondev2022)**

Pitching competition focusing on innovative content development for teaching and learning conducted by UiTM.

### **GOLD MEDAL Pertandingan Amalan Inovasi Pengajaran dan Pembelajaran Karnival Inovasi UMT 2021**

An innovation competition organised by UMT during Covid 19 on innovative learning. A team of four with the creation of FidEd mobile application focusing on financial literacy.

### **Top 14 Can You Hack It ASEAN Edition 2021 Virtual Hackathon**

48-hour virtual hackathon competition organised by Hong Leong Bank by solving specific problems given by the organizer in the scope of the financial banking system.



## REFEREES

### **Associate Prof. Dr. Sakinah Ali Pitchay**

Deputy Dean, USIM

012-268 3836

sakinah.ali@usim.edu.my

### **Dr. Azuan Ahmad**

Senior Lecturer, USIM

017-605 6484

azuan@usim.edu.my

### **Dr. Syaril Nizam Omar**

Senior Lecturer, USIM

019-774 4341

syaril@usim.edu.my