Nurulhanisa Mohd Ikhsan

Computer and Network Security Student

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Education

Primary School 2009 - 2014
Sekolah Kebangsaan Taman Pasir Putih, Johor
UPSR: 5A

Secondary School 2015 - 2019
Sekolah Menengah Kebangsaan Pasir Gudang 1, Johor
PT3 2017: 10A 1B
SPM 2019: 5A+ 2A 2A- 2B+ (9A 2B)

The Institute for Public Higher Education 2020 - 2021
Kolej Matrikulasi Selangor
CGPA: 3.88

The Institute for Public Higher Education 2021 - 2026
Universiti Teknologi Malaysia, Johor Bahru
<u>Bachelor of Mechanical Engineering</u>
CGPA: 3.44 (1 Semester)
<u>Bachelor of Computer Science (Computer & Network Security)</u>
Semester 7: (Current Semester - Last Semester in UTM)
Current CGPA: 3.83 (Semester 1 - 6)

Related Extracurricular Activities & Achievements

Dean's List Award (Semester 1-6)

(1st Runner-Up) Sustainable Entrepreneurial Mindset Showcase (SEMS) 11.0 by UTMXcite 2024
&
(1st Nominee as UTM Representative) Product Innovation Competition in 3rd Atma Jaya Business Expo "Sustainable Business - Innovating for Social Impact" by Atma Jaya Inkubator Bisnis - Jakarta, Indonesia 2024
About: Application for a Protected Renovation Services Platform - (Entrepreneurial Business Idea)
Role: Idea creator, developer and presenter

(Technical Crew) Code on Weekend: Python Workshop 2022

(Participant) Cloud Empowerment Workshop: Embracing the Era of Digital Agility by RunCloud 2023

(Participant) React Native & Expo Workshop Faculty of Computing 2024

Personal details

Date of birth
May 8, 2002

Place of birth
Wisma Bersalin Rabbisyfina, Johor Bahru

Driver's license
Licensed (Class B2 & D) with personal vehicle

Gender
Female

Nationality
Malaysian

Civil status
Single

Language Competency
Malay and English

Skills

Visual Studio Code (Heavily used)

Packet Tracer (heavily used), Wireshark

Inkscape/Photoshop

Microsoft Words, PowerPoint & Excel

Google Cloud Platform

Git, Github

JavaScript, HTML, CSS, C++, Java (heavily used for coursework) C, Dart, & Python (basic)

Firebase (heavily used), SQL & MySQL (basic)

(Member) PSSGUTM - Persatuan Silat Seni Gayung UTM 2024

Certificates

CCNA 1, 2, 3

DevNet Associate

Mandarin Class
2 semesters - level 2 (under UTM Mandarin Club)

Individual Projects

E-Portfolio Website for Technology & Info System Course
Link: https://hanisaikhsan.github.io/
Elements: JavaScript, HTML and CSS

Animal-Welfare Based Mobile Application (Final Year Project - Ongoing Project)
Link for FYP slides: https://hanisaikhsan.github.io/aboutMe.html
A mobile app (Full Stack) that has the functions for posting news feed, donation, animal adoption, volunteering, animal updates and more.
Elements: JavaScript, React Hooks, React Native, Expo, Expo Go, Firebase (Backend), VS Code, Node JS, Figma (Design UI and Prototype), Inkscape & IbisPaint (Design and Create Original Icons for the App), EAS (Expo Application Service) and Android Studio (for emulator), Git & GitHub (Tracking changes & push code)

Additional Experience

- Providing renovation quotation for clients using MS Word (since 2015 - now)
- One of the clients: B.M. Nagano Industries SDN. BHD.

Coursework Related

Web & App Projects:
- Created an online book purchasing system in Java for a group project – Object-Oriented Programming
- Developed a dummy UTM website front end – in Web Programming
- Developed a simple Personal Task Manager using Linked List, Queue & Stack Data Structure in C++ - in Data Structure & Algorithms

Software Engineering Coursework:
- Software Engineering – *A*
- Programming Technique I – *A*
- Programming Technique II – *A*
- Web Programming – *A+*
- Data Structure & Algorithm – *A+*

React Native, EAS, Expo, Expo Go (heavily used)

React JS (basic)

Flutter (basic)

Figma & Canva (heavily used)

Jira (basic)

Data Structure & Algorithms

Oracle VM VirtualBox

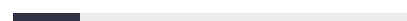Basic Scripting Linux (Ubuntu) & Powershell
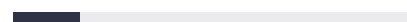
Languages

Malay

English

Mandarin (Basic)

Arabic (Basic)

Networking & Troubleshooting: Hands-on troubleshooting and network simulation experience using Packet Tracer
- Network Communication – *A-*
- Computer Network – *A*
- Computer Network Lab – *A*
- Network Programming – A

Other Achievements

Achievements in Tech
- Excellence Award (Top 5) – Rero Math and Coding Challenge 2018 (Johor State)
- Top 20 – RERO Robotics and Coding Championship 2019 (National Level)
- Gold Award – RAC's19 Robotics and Coding Competition 2019 (Johor State)

Communication
- 2nd Prize – National English Environmental Speech Competition (2018)
- 3rd Prize – Johor State English Debate Competition (2018)

Creative & Artistic Achievements
- 1st – Digital Poster Design Competition (Selangor College Matriculation) 2020
- 1st – Drawing Competition (Selangor College Matriculation) 2020
- 2nd – Traditional Poster Design (Selangor College Matriculation) 2020
- 2nd – UTM Calligraphy Open Competition 2020
- 1st - UTM College Calligraphy Competition 2024

Personal Development & Holistic Growth
- 2nd Place – Barzanji Tarannum Recitation (District Level) 2017
- 2nd Place – Hafazan Competition (District Level) 2019