



ALIAH FARISAH MOHAMMAD HIDHIR

Address : Merlimau, Melaka
Mobile : 011-57550446
Email : aliahfarisahh@gmail.com
Linkedin : www.linkedin.com/in/aliahfarisah

PROFESSIONAL SUMMARY

A fresh graduate with a BSc (Honours) majoring in computational physics currently looking for an entry-level position in engineering, physics or IT industries. Extremely motivated to develop new skills and knowledge and grow professionally.

EDUCATIONAL BACKGROUND

Universiti Sains Islam Malaysia (USIM) 2019 - 2023

Bachelor of Science with Honours (Applied Physics)

CGPA: 3.72

Major: Computational Physics

Universiti Sains Islam Malaysia (USIM) 2018 - 2019

Foundation of Science

CGPA: 3.66

WORKING EXPERIENCE

Nohacom Sdn. Bhd (Internship) March 2023 - July 2023

Design Engineer

- Utilized industry-standard software such as Revu to prepare detailed network design plans and documents that accounted for optimal network routes.
- Collaborated with cross-functional team to incorporate technical specifications and meet project requirements.
- Managed project budgets, schedules and resources to ensure timely and cost-effective delivery of high-quality network solutions.
- Supervised installation and configuration of OFC and equipment to ensure strict adherence to industry best practices and high-quality standards.

Document Controller

- Maintained meticulous attention to detail to ensure the accuracy and completeness of documentation.
- Collaborated with team members to gather, organize, and update project-related information to ensure efficient workflows and effective communication.

PROJECT AND INVOLVEMENT

FINAL YEAR PROJECT

- Thesis Title: First Principle Study of the Structural, Electronic and Optical Properties of Germanium and Stanum Doped Cesium Lead Bromide Perovskite
- Executed a computational study on germanium and stanum doped cesium lead bromide perovskite for their structural, electronic and optical properties.

DESIGN A VIRTUAL DOCTOR PROGRAM

- Collaborated with a team to develop a virtual doctor application using OpenAI's GPT-3 and python programming
- Integrated the OpenAI API to generate health-related responses and medication recommendations.
- Incorporated file-saving functionality for user medical reports.

DESIGN A COLORFUL MUSICAL BOX

- Collaborated with a team to develop a musical box using Arduino Uno.
- Integrated a user-friendly GUI for song selection and playback.
- Implemented a buttonless piano which allowing users to generate music through hand gestures.
- Created LED animations to enhance the visual experience during music playback.

EXTRACURRICULAR INVOLVEMENT

Career Talk: Aphys Future Career Pathway

Prize Committee

- Cooperated with team to prepare the souvenirs for the presenters and prizes for the lucky draw within the allocated budget.

Aphys BBQ Night

Registration Committee

- Cooperated with team to secure the number of participants attending the event.
- Collaborated with media committee for the invitations to be sent out.
- Checked the actual attendees that came on the actual day and gave the souvenir to them.

Volunteer Program for Transformation Squad the Protection of Children, Women and Elderly Club

Protocol Committee

- Collaborated with the event planner to ensure that the necessary arrangement are made for the children.
- Oversaw the overall protocol during the program.

TRAINING AND CERTIFICATES

Skills Development Program: Overview of Wafer Fabrication Process Training	2022
Microsoft Certified: Power BI Data Analyst Associate	2023
Explore the World of AWS Cloud Computing Workshop	2023
Product & Test Engineering MicroDegree	2023

SKILLS

Software : MS Office, Python, HTML, CSS, Javascript, Linux, MATLAB, Power BI, C Language, Git, Bootstrap, SQL

Language : Malay (Fluent), English (Fluent), French (Basic)

REFERENCES

Nur Syafarina binti Anuar

Design Engineer
Nohacom Sdn. Bhd
011-28956798
shafazie@gmail.com

Lee Wei Sin

Talent Development Manager
Usains Holding Sdn. Bhd.
012-5946654
weisin@usainsgroup.com