

Nurul Hamizah binti Che Azemin

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**Profile/Summary**

Final-year student pursuing Bachelor of Science in Bioinformatics at Universiti Malaya, who is seeking for an internship placement in data science, bioinformatics or IT related field, starting from October 2023 to January 2024.

Education**Universiti Malaya**

Bachelor of Science in Bioinformatics

2020 - present

CGPA: 3.67

Pahang Matriculation College

Science Module III: Biology & Computer Science

2018 - 2020

CGPA: 3.54

Involvement & Co-curricular**University**

- Softball UM Mar 2023
- 5km Fun Run UM 2022 Jun 2022
- Participant of 'Youth STEM Leadership Forum' Feb 2021

Matriculation

- Facilitator of Computer Science subject Mar 2020
- Volunteer of KMPH Slow Pitch Tournament Feb 2020
- Committee of 'Biro Perhubungan Luar' Mar 2019

Projects**HTML & CSS**

- Design and create webpages.

Python

- Covid-19 detection from X-ray images using deep learning and machine learning approaches.
- Data manipulation - Extraction of nucleotide and protein sequences, convert it into variety of sequence file formats.

R

- Gene expression analysis on two types of drugs for breast cancer.

Linux

- Text manipulation.
- Compare protein sequences of non-pathogenic strain and pathogenic strain using BLAST.

Awards & Scholarship

- Dean's List Award Semester 2 2021/2022 Aug 2022
- Dean's List Award Semester 1 2021/2022 Mar 2022
- Sponsorship by Program Ijazah Dalam Negara, JPA Sep 2021

Skills

Web development

- HTML
- CSS
- JavaScript

Programming language

- Python
- R
- Matlab
- SQL
- Linux
- BLAST

Languages

- **Malay** : Native speaker
- **English** : Intermediate proficiency
- **Mandarin** : Basic

References

1. Dr. Chang Siow Wee

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2. Dr. Farahaniza binti Supandi

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