LINA ANEESA

PROGRAMMER • WEB DEVELOPER

PERSONAL PROFILE

Bioinformatics graduate with strong foundations in computer programming and biology.

Developed a café website, bio database portal, virtual reality web app, and online database for a local scientists group.

A self-starter with a very good analytical thinking and can quickly learn new technologies to accomplish a wide range of projects.

Passionate about web app events, game jams and hackathons.

PERSONAL DETAILS

FULL NAME:
Lina Aneesa bt. Mohamad Zalani

ADDRESS:
Bandar Baru Bangi, Selangor.

MOBILE:
+6013-3116076

EMAIL:
linaaneesa.mz@gmail.com

LINKEDIN:
linkedin.com/in/lina-aneesa

PORTFOLIO:
www.lina-aneesa.me

GITHUB:
github.com/lnanees

EDUCATION

2015 – 2019
University of Malaya
Bachelor of Science (Bioinformatics)
CGPA: 3.6
Dean's List: 2 Semesters

MUET : Band 5 out of 6
IELTS : Band 7.5 out of 9

2014 – 2015
The Centre for Foundation Studies in Science, University of Malaya
Foundation in Science (Biology)

EXPERIENCE

INTERNSHIP

12 September 2018 – 14 December 2018

Malaysia Genome Institute (MGI), Bangi, Selangor
Bioinformatics and Computational Biology Centre

Main Tasks:
- Web interface and database development.
- R language programming
- Deep neural network machine learning
- Next-Generation Sequencing (NGS) Data Analysis.

Skills And Learnings:
- Proficiency in PHP, HTML, CSS, JavaScript.
- Experience with databases using MySQL.
- Exposure in Linux terminal.
- Excellent ability to work independently with minimum supervision.
- Proficiency in R programming.
- Reasonable knowledge on data pre-processing.
- Basics in machine learning, deep learning.
- Excellent communication skills.
- Excellent ability to learn quickly to accomplish tasks.
- Highly resourceful and adapt very well to new and difficult situation.

PUBLICATIONS

Chapter In Book

2019
Biodiversity Databases & Tools
Encyclopedia of Bioinformatics and Computational Biology, vol. 2, pp. 1110–1123.
Oxford: Elsevier.

FINAL YEAR PROJECT

TITLE:
Rimba Ilmu Virtual Tour

DESCRIPTION:
Implementing an application for visualizing and integrating biodiversity data of plant species, specifically for the botanical garden in University of Malaya, using virtual reality (VR) technology.

TECHNIQUES IMPLEMENTED:

1. Outdoor photography skills for documenting plant species.
2. Integrate a virtual tour application/interface with a MySQL database (web and database programming) using PHP, HTML, CSS and JavaScript.

SUPERVISOR:

DR. SARINDER KAUR
Associate Professor
ISB, Faculty of Science, UM
Email: sarinder@um.edu.my

SKILLS

PROGRAMMING:

A strong understanding of good software development practices (documentation and good practices in many languages).

1.	Proficient	-	C++ language (procedural and object-oriented).
2.	Intermediate	-	Linux command line tools.
3.	Intermediate	-	MATLAB (Artificial Neural Network, Clustering), R language.
4.	Intermediate	-	Database programming (MySQL Database, PHP).
5.	Intermediate	-	Web programming (HTML, CSS, Perl, CGI, JavaScript, JQuery).

TECHNOLOGIES:

1.	Proficient	-	MSOffice Suite - able to design slides and posters.
2.	Proficient	-	Cloud based software - Google Drives, Google Slides, Google Docs, Google Forms.
3.	Proficient	-	ImageJ and Adobe Photoshop - able to use image processing and analysis.
4.	Proficient	-	Mac OS, Linux OS and Windows OS.
5.	Proficient	-	Implementing Virtual Machine/Virtual box. Geographical Information System (GIS) i.e.
6.	Basic skills	-	ArcGIS, ArcMap, ArcCatalog - input of data, storage (geodatabase) and management of data.

PHOTOGRAPHY:

1.	Proficient	-	Photography with DSLR camera - ability in Indoor and Outdoor photography.

LANGUAGE:

1.	English	-	Fluent
2.	B, Malaysia	-	Fluent

REFERRALS

PUAN SHAMSIDAR SOPIE
Scientist
Bioinformatics and Computational Biology, MGI
Email:
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ISB, Faculty of Science, UM
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