



LEONG CHEE YAN

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Profile

Science graduate major in Bioinformatics passionate about technology and science. Highly motivated, enthusiastic individual with excellent problem-solving and communication skills and the ability to grasp new concepts and ideas quickly.

Soft Skills

- Creativity
- Communication
- Critical thinking
- Problem Solving
- Teamwork

Technical Skills

Coding skills

HTML, CSS, JavaScript, Python, R, SQL, Java

Computer skills

Microsoft Office (Word, Excel, PowerPoint, Outlook)

Database

MS Access

IDE

PyCharm, IntelliJ IDEA

Operating system

MS Windows, Linux (Ubuntu)

Software skills

Notepad++, Figma, R studio, Putty, Tableau, ORANGE

Education

Master of Science (Bioinformatics)

2021 – 2023

Universiti of Malaya (UM)

- Cgpa: 3.97/ 4.0

Relevant Coursework:

Programming, Computing, Application of Programming, Statistics, Biomedical informatics

Bachelor of Science (Microbiology) (Hons)

2016 – 2019

National University of Malaysia (UKM)

- Cgpa: 3.49/ 4.0
- Honor:** Dean's List awards 2016/2017, 2017/2018

Work Experience

Research Assistant

Oct 2019 - May 2021

National University of Malaysia (UKM), Selangor

- Published online research article in peer-reviewed journal, receiving 3000+ hits.
- Presented concise research findings in front of up to 30+ people at the colloquium.
- Awarded for excellence in a scientific presentation in 2021.
- Conducted and analyzed experimental tests with 95% accuracy.
- Managed lab inventory and equipments, reducing expenses by 30%.

Research Publication: "Styrylpyrone Derivative from Goniiothalamus sp.: A Powerful Drug for Fighting Against Herpes Simplex Virus Type 1" Pharmacognosy Journal (2021)

Medical Laboratory Scientist (MLS) Intern

Jun 2019 - Aug 2019

Pantai Premier Pathology Sdn. Bhd., Perak

- Conducted and analyzed 1000+ patient specimens (including blood, urine, serum, etc) per month in a safe, efficient manner.
- Assisted head medical technologists to analyze laboratory findings, reducing workload by 49%.

Academic Tutor

Feb 2016–Aug 2016

IQ Plus Education Center, Perak

- Delivered and initiated various lessons for 10+ students, utilizing effective teaching methods to help them achieve strong exam results.
- Collaborated with staff members to implement 100% high-quality learning & teaching environment that resulted in a 25% increase in attendance rates.

Project Experience

Web Development Project - Bioinformatics online system

Jun 2022

Creator

University of Malaya (UM)

- Developed websites (https://drive.google.com/drive/folders/18Adiojw7g3hXz2CtiGjLA-pRdxAlvcgw?usp=share_link) to analyze and interpret DNA and protein sequences.

Business Planning Project - TechSpace

Dec 2021

Project Team Leader

University of Malaya (UM)

- Devised and prepared a start-up business plan on short deadline.
- Collaborated effectively with team members to brainstorm ideas, achieved excellent performance that surpassed academic assessor expectations.

Certifications

Salesforce DevOps Leadership Certificate

2023

DevOps Launchpad and Gearse

Business Intelligence Foundation Professional Certification BIFPC™

2023

CertiProf

Languages

Mandarin

★★★★★

English

★★★★★

Malay

★★★★★

Cantonese

★★★★★