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, Java

Computer skills
Microsoft Office (Word, Excel, PowerPoint, Outlook)

IDE
PyCharm, IntelliJ IDEA, Visual Studio Code

Operating system (OS)
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

Research project: Ensemble-Based Virtual Screening Targeting SARS-CoV-2
- Performed molecular dynamics of COVID-19-associated proteins using Linux OS.

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
- Collaborated effectively with team members to achieve project objectives.
- Research published in the 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.

Research Publication: "Styrylpyrone Derivative from Goniothalamus 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.
- Aided 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.

Academic Project Experience

Web Development Project - Bioinformatics online system   Jun 2022
Developer
GitHub Link: https://github.com/cycy96/BioinformaticsOnlineSystem
- Technologies used: HTML, CSS, JavaScript, Python, CGI
- Designed and developed websites to analyze and interpret DNA and protein sequences.

Business Planning Project - TechSpace   Dec 2021
Project Team Leader / Designer
- Devised and prepared a start-up business plan and UI/UX design within a tight deadline.
- Collaborated effectively with team members to brainstorm ideas, and achieved excellent performance that surpassed academic assessor expectations.

Certifications

Salesforce DevOps Leadership Certificate   2023
DevOps Launchpad and Gearset

Business Intelligence Foundation Professional Certification BIFPC™   2023
CertiProf

Languages

Mandarin	English	Malay	Cantonese
★★★★	★★★☆	★★★☆	★★★★