



# 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 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.
- 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

- Devised and prepared a start-up business plan within short 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

★★★★★