

Yew Wei Teh

Biomedical Engineering Student

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A third-year biomedical engineering student studying at Universiti Tunku Abdul Rahman, seeking an internship opportunity in a related field. Artificial Intelligence, biomechanics, bionics, and biocomputing are my fields of interest. A 6-month internship is preferable that can be started from June 2023 onwards, or a 3-month internship that starts from October 2023 will do as well.

Research Project

A Kinematic Model for Evaluating Running Biomechanics

- Simulating and developing kinematic and kinetics models to perform running analysis in terms of the joint moment, muscular force, etc.
- Analyzing the differences in running patterns between Western and Asian people.
- Assessing the effects of wearing hard and soft cushion pads respectively during running.
- Predicting energy and power expenditure while running.

Work Experience

2020-02 -

Shipping Clerk

2020-07

Federal Oats Mills Sdn Bhd, Butterworth, Penang, Malaysia

- Daily responsibilities in handling documentation related to shipping, such as delivery orders, invoice and freight documentation, etc.
- Reviewed order data to verify transactions and shipping orders.
- Maintained accurate computer records with the paperwork documents.
- Gained an opportunity to serve as a meeting secretary and wrote a formal meeting minutes for the disciplinary meeting, assisting the human resource assistant manager of the company. In the end, the employment of the defendant was retained.

Education

2020-10 –

Bachelor of Biomedical Engineering with Honours

2024-10

Universiti Tunku Abdul Rahman - Kajang, Selangor, Malaysia

(Expected)*

- CGPA: 3.4969 out of 4.0000
- Dean's List [Semester 3 Year 1 & Semester 3 Year 2]
- Highlights of subjects :- Signals, Circuits and Systems (A-), Biomedical Instrumentation (A), Materials in Biomedical Engineering (A-), Artificial Organs (B+)

- 2023-02 - **Bachelor of Science in Applied Artificial Intelligence**
Current IU International University of Applied Sciences - Berlin, Germany
- Online Part Time Study
- 2018-06 - **Malaysian Higher School Certificate (STPM)**
2019-12 Chung Ling High School Butterworth - Butterworth, Penang, Malaysia
- CGPA 3.42 out of 4.00
 - General Studies (B), Mathematics (A-), Chemistry (A-), Biology (B+)
- 2012-01 - **Malaysian Certificate of Education (SPM)**
2017-12 Bagan Jaya National Secondary School - Butterworth, Penang, Malaysia
- Physics (A+), Chemistry (A+), Biology (A), Additional Mathematics (A), Mathematics (A+), Moral Education (A-), History (A), Malay Language (C+), English Language (C+), Chinese Language (A-)
 - Vice President of the School Science Club

Additional Skills

- OpenSim
- Biomechanics
- Python (Programming Language)
- C++

Hobbies and Interests

Unreal Engine & Unity

- Creating 3D mini-games inclusive of non-playable characters (NPCs) with a certain extent of artificial intelligence attributes by using Unreal Engine or Unity.

Discord Bot

- Successfully created a mini music Discord bot capable of playing YouTube and Bilibili videos.

Certificates and Licences

- Valid Driving License
- Certificate of Graduation in Python (issued by Code With Mosh)
- TOEFL iBT [Score: 89 out of 120; Reading (23), Listening (19), Speaking (21), Writing (26)]