NG XIAN HENG

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Bukit Mertajam, Penang, Malaysia

Profile

Final-year Computer Science student with a passion for mobile and web application development. Experienced in building applications using Java, React, Express, MongoDB, and MySQL. Seeking an internship to apply and further develop full-stack development skills.

Education

University of Malaya   *10/2021 - Present*
Bachelor of Computer Science (Information Systems), CGPA: 3.95

Yokohama National University   *10/2023 – 02/2024*
JOY Exchange Program, CGPA: 4.0

SMJK Jit Sin   *2019 - 2020*
Science, STPM: 3.67

SMK Jalan Damai   *2014 - 2018*
Science, SPM: 7A

Projects

GSCinema | Cinema Ticketing System   *Semester 1 2021/2022*
- *Java Swing and MySQL*
- *Developed a cinema ticketing system with features for ticket and food booking, along with staff management functionalities.*

Attack on Titan | Data Structure Game   *Semester 2 2021/2022*
- *JavaFX and MySQL*
- *Built a data structure-based game incorporating sorting, searching, shortest path, priority queue, and encryption functionalities.*

Eatmou | Social Dining Application   *Semester 1 2022/2023*
- *Android Studio (Java) and Firebase Firestore*
- *Created a social dining platform that enables friend recommendations, restaurant reviews, and group dining invitations.*

StudyLah | Peer-to-peer Learning Platform   *Semester 2 2022/2023*
- *Laravel (PHP), Bootstrap, and MySQL*
- *Developed a peer-to-peer learning site with features for sharing notes, events, flashcards, and visualized data insights.*

Mental Health Treatment Prediction
- *Python, Streamlit, and Google Colab*
- *Predict mental health treatment needs based on users' work backgrounds, utilizing machine learning for analysis.*

SportMou | Sports Equipment E-commerce Platform   *Semester 2 2023/2024*
- *MongoDB, Express, React, Node (MERN)*
- *Built an e-commerce platform with product and event management, product checkout, and blogging capabilities.*

Legal Information System | Case Management and Tracking System   *03/2024 - Present*
- *MongoDB, Express, React, Node (MERN)*
- *Developed a web-based case management system with task tracking, document management, and real-time notifications.*

Skills

- **Languages**: *Java, JavaScript, HTML, CSS, Python*
- **Databases:** *MongoDB, MySQL*
- **Frameworks:** *React, Express*
- **Tools:** *Figma, Git, Github*

Co-curricular Activities

Multimedia Department   **Semester 1 2021/2022**
- *Pesta Tanglung Universiti Malaya 2021*
- *Video Editor for Event Opening*

Marketing and Publicity Department   **04/2022 – 10/2022**
- *Odyssey Hackfest 2022*
- *Managed social media accounts, created and scheduled posts to increase event visibility*

Marketing and Publicity Department   **Semester 1 2022/2023**
- *SULAM Showcase in Education 2023*
- *Department Co-Leader, Video Editor, responsible for managing postings and designing promotional materials*

Multimedia and Publicity Department / Performer   **Semester 2 2022/2023**
- *UMCO 40th Anniversary Concert*
- *Video Editor for Concert Promotion*

Performer   **Semester 2 2023/2024**
- *UMCO 41st Anniversary Concert*
- *Percussion Deputy Leader*