Zi Qing Chew

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github.com/chewzzz1014

Enthusiastic year 3 Computer Science student looking for internship opportunity during the semester break from around **29 July 2024 to 06 October 2024** (10 weeks) or longer.

EDUCATION

Universiti Putra Malaysia   **Oct 2021 - Current**

Bachelor of Computer Science with Honours

- Expected to graduate in July 2025. CGPA: 3.98

WORK EXPERIENCE

Howuku   **Feb 2023 – Sep 2023**

Software Developer Intern   *Kuala Lumpur, Malaysia*

- Developed code editor and previewer on Howuku platform that allows users to modify CSS, Javascript code of experiment variants. Implement scripts for applying these changes accordingly on the user's website.
- Expanded experiment targeting rule by incorporating website visitor's OS, device, and browser rules.
- Implemented experiment auto-stopping criteria: stops tests when X total amount of visitors/conversion is reached, and automated email sending to users to notify about their stopped experiments.
- Enhanced existing functionalities and user interfaces based on user requirements and feedback.
- Conducted debugging and troubleshooting to ensure seamless functionality of the platform.
- Skills: JavaScript, Bootstrap, Vue.js, Express.js, MySQL

PROJECTS

Personal Portfolio Website (chewzzz1014.github.io/portfolio-website)

- Designed, developed and deployed personalised portfolio website featuring skills, selected projects, and downloadable resume.
- Skills: JavaScript, React.js, CSS, Bootstrap

Depression Level Detection Chatbot (https://github.com/chewzzz1014/health-ease-project)

- Developed machine learning application that evaluates a message's depression level and provided tailored mental health advice and information based on the depression severity.
- Skills: Python, pandas, scikit-learn, Keras, FastAPI, Gradio

Clothing Store Website (https://github.com/chewzzz1014/CSC3402-MVC-Project)

- Worked in team to build a CRUD Spring Boot application with attractive interfaces, data persistence, authentication and authorisation.
- Developed the backend of the application that involves querying the database, building REST endpoints and implementing Thymeleaf in HTML for dynamic contents.
- Skills: Spring Boot, Spring MVC, Thymeleaf, Hibernate, Bootstrap

SKILLS

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, MySQL, OracleSQL
- **Frameworks and Libraries:** Spring Boot, TypeScript, Node.js, Express.js, React.js, Vue.js, Bootstrap, Tailwind CSS, Pandas, scikit-learn, Tensorflow
- **Tools:** Git, Github, Jira, Tableau, Excel, Jupyter Notebook, Google Colab, VSCode, Intellij

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Azure AI Fundamentals
- freeCodeCamp Back End Development and APIs