

LIM WEE KIAT

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🌐 https://weekiatlim022.github.io/portfolio_website_v2

🔗 <https://github.com/weekiatlim022>

SUMMARY

Computer Science graduate was passionate about software engineering and machine learning. Highly-capable team member, having solved multiple projects to completion. Proficient in a range of modern technologies including Python, Java, Django, ReactJs, SQL, and so on. Possess excellent problem-solving and communication skills, with a strong focus on delivering high-quality results in a timely manner. Now seeking to leverage my technical skills and experience to secure a position as a software engineer.

EDUCATION

University of London – Singapore Institute of Management (SIM), Singapore
BSc (Hons) in Computer Science (Machine Learning and Artificial Intelligence)

Oct 2020 – July 2023

- **Result:** First Class Honours

Tunku Abdul Rahman University College, Malaysia
Diploma in Science (Internet Technology)

May 2018 – Jun 2020

- **Result:** 3.3 CGPA

WORK EXPERIENCE

Power Source Occasion Management, Muar Johor, Malaysia
Web Designer, Internship

Feb 2020 – Apr 2020

- Assist in web application development tasks.
- Research the latest trends in Design and Ideas.
- Continually improve and optimize user experience for websites.
- Meeting with clients to discuss requirements and/or project progress.

COURSEWORK/PROJECTS

Personal Portfolio Website

Personal Project – HTML/CSS/JavaScript/ReactJs

- A dynamic portfolio website using ReactJS to showcase personal projects and skills.
- Implemented separate components for Header, About, Experience, Portfolio, Contact, Navigation, and Footer sections.
- Incorporated responsive design principles to ensure optimal user experience on various devices.

Weather App

Personal Project – HTML/CSS/JavaScript/ReactJS/OpenWeather API/GeoDB Cities API

- Developed a Weather App utilizing ReactJS, enabling users to effortlessly search for cities and access real-time weather data, alongside a comprehensive 7-day forecast.
- Using components such as App.js, Search.js, CurrentWeather.js, and Forecast.js to develop a dynamic user experience. Managed state and data retrieval efficiently, enhancing user interaction.

Fake News Detection

FYP Course Project - Jupyter Notebook/Python/NLTK/Scikit-learn/Machine Learning/Deep Learning

- Developed fake news detection that can identify and classify articles based on their text to determine if they are real or fake.
- Used different machine learning and deep learning algorithms, different versions of data pre-processing, and various feature extraction techniques to train the models in order to yield the maximum level of accuracy.
- The outcomes demonstrated that the TF-IDF feature extraction, data pre-processing v2, and Linear SVM model proved the top-performing combo for accurate fake news detection.

SKILLS/CERTIFICATION

- **Languages:** English, Mandarin, Malay, Hokkien
- **Soft Skills:** Time-management, Communication, Problem-Solving, Teamwork, Critical thinking, Continuous learning
- **Frontend:** HTML, CSS, React
- **Backend:** Java, Python, JavaScript, Django
- **Databases:** SQL, MySQL, PostgreSQL, SQLite
- **Others:** Git, VSCode, VS, IntelliJ IDEA, RESTful API, OpenAPI, NumPy, Pandas, TensorFlow, Scikit-learn, OpenCV
- **External Certification:** - Front-End Engineer Certificate by Codecademy
 - Learn SQL Course by Codecademy
 - Learn Python 3 Course by Codecademy