Teow Jing Wern Cassandrea

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A computer science fresh grad with excellent academic and extracurricular track records seeking opportunities to be equipped with industrial skills, particularly in the area of AI, data, and web.

Experience

MAXIS BERHAD — Kuala Lumpur
Robotic Process Automation (RPA) Intern — Aug 2022 – Nov 2022

- Handled RPA User Change Requests and RPA bot development and enhancement use cases, completed 5 UCRs and 1 new use case in the span of 16 weeks.
- Developed, supported, and monitored RPA bots and their scheduled runs.
- Provided support for use cases involving ML model implementation.
- Designed the RPA division's first mascot for better exposure of RPA in the organization.
- Skills: UiPath, Python, Figma

Project

WATCHLIST: HYBRID GROUP RECOMMENDER SYSTEM — Kuala Lumpur
Final Year Project (Degree) — Dec 2022 – July 2023

- Created WatchList, a hybrid group recommendation system for *film and TV* content, where it allows users to choose between the option of generating individual recommendations for themselves or generating group recommendations for groups up to 3 users.
- WatchList adopts a hybrid approach, where content-based filtering (TFIDF & Cosine Similarity) and collaborative filtering (SVD) are applied.
- Areas: Recommender Systems, Data Analysis, Web Scraping, Web API
- Tech: Python, MongoDB, Streamlit

Education

ASIA PACIFIC UNIVERSITY OF TECHNOLOGY AND INNOVATION — Bukit Jalil, K.L.
Bachelor of Computer Science (Intelligent Systems) — Sep 2020 – Sep 2023
Cumulative GPA: 3.97/4.0
Courses: Artificial Intelligence, Object-Oriented Development, Data Analysis, Data Structure, Big Data Analytics

SMK SERI SERDANG — Seri Kembangan, Selangor
Malaysian Higher School Certificate (STPM) — May 2018 – Dec 2019
Cumulative GPA: 3.59/4.0
Courses: Physics, Mathematics, Chemistry, General Studies

SMK SERI KEMBANGAN — Seri Kembangan, Selangor
Malaysian Certificate of Education (SPM) — Jan 2013 – Dec 2017
Grade: 9A 1B
Subjects: Chinese, English, Malay, Physics, Chemistry, Biology, History, Mathematics, Additional Mathematics, Moral Studies

Achievements

APU VICE CHANCELLOR'S LIST FOR ACADEMIC EXCELLENCE 2023
- Selected as one of the highest-achieving students and alumni at APU who demonstrate dedication and commitment to their studies (with a minimum grade of 3.70 CGPA).

1st PLACE WINNER OF UM HACKATHON 2023
- Selected as champion in the venture capital domain out of 28 participating teams for the annual nationwide UM Hackathon.
- Proposed VeloCap as a solution, an AI-driven venture capital management software designed to optimize faster, smarter, data driven investments with features such as personalized ranked deal finder, smart insights identifier, and real-time intelligence driven database manager.
- Skills: Python, Natural Language Processing, Business Research, Pitching

8TH PLACE WINNER OF VARSITY HACKATHON 2022
- Selected as 8th place winner out of more than 1000 participants for our proposed solution, KekalFresh, designed using Figma prototyping tool, in hopes of tackling food security issues in Malaysia.
- KekalFresh is an engaging e-commerce platform integrated with data analytics features and intensive approaches to reduce food costs among Malaysia's low and middle-income groups.
- Skills: Figma, Business Research, Pitching

MAXIS WOMEN IN TECH SCHOLAR 2020
- Awarded to deserving young talents in hopes of providing greater opportunities for women to lead in the tech industry, selected as one of the 14 scholars for the year 2020 among 1200 applicants.
- Underwent a fully virtual selection process in stages, which included rigorous assessments, group activities, and interviews.

Leadership

ASIA PACIFIC ANALYTICS CLUB (APAC)   Bukit Jalil, K.L.
External Affairs Event Team Committee   Feb 2022 – Dec 2022
- Proposed and organized data science-related events (webinar, industrial visit, workshops, etc.) involving more than 100 participants.

SMK SERI SERDANG   Seri Kembangan, Selangor
Form Sixth Club EXCO Member – President (Stock & Physical)   2018 – 2019
- Led the Form Sixth Club Stock & Physical division in managing proper equipment supplies and organizing activities and school projects.

Volleyball Club – Treasurer   2018 – 2019
- Managed the club's account and collected fees and contributions among club members.

SMK SERI KEMBANGAN   Seri Kembangan, Selangor
Head Prefect   2016 – 2017
- Lead a board with more than 130 members, in charge of maintaining the discipline of more than 1300 students.
- Organized assembly and special events such as talks, competitions, motivational camps, and tournaments.

"Don't Tell, Show" Charity Talent Show Emcee 2018
- Appointed as emcee and hosted a talent show with more than 500 audiences, managed to raised funds for facility improvements in SMK Seri Kembangan.

Prefectorial Board – Secretary 2015 – 2016
- Provided administrative support and maintained effective records and reports of the board.

Christian Fellowship Club – President 2014
- Coordinated club meetings and activities such as Bible Knowledge quizzes on a weekly basis.

Others

Languages:	Chinese, English (Native); Malay, Cantonese (Fluent); Korean (Intermediate)
Technical:	Python, Java, Computer Vision, Machine Learning, RPA (UiPath)
Projects:	WatchList (Hybrid Group Recommendation System for Films and TV)**,** Face Mask Detection using Deep Learning models
Certifications:	MUET Band 5, ABRSM Grade 5 Piano and Music Theory
Activities:	Every Nation Church Malaysia Campus Life Group Director and Livestream Camera Operator (2020 – present), Malaysian IU Fan Page Event Planning (2019 – present)