Ching June Hao

Malaysian citizen

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EDUCATION & CERTIFICATIONS

- Bachelor of Computer Science (Hons) with Specialization in Data Science, Multimedia University, Malaysia. Class of 2020. CGPA 3.83/4.00.
- Machine Learning by Stanford University on Coursera. Certified in Sep 2017.
- Deep Learning, a 5-course specialization by deeplearning.ai on Coursera. Certified in Mar 2018.

EXPERIENCES

Machine Learning Engineer Intern (Part-time) - Coqnitics, Malaysia　　　　**Dec '17 – Dec '18**
- Developed and deployed a RESTful API for end-to-end Malaysian License Plate Recognition solution using COCO-trained SSD MobileNetV2 (AWS EBS/S3/RDS, Python, Flask, TensorFlow, OpenCV, pytesseract, NumPy, SQLAlchemy, PostgreSQL).
- Developed an apparel style classifier using MobileNetV2 and SGDClassifier for fashion RESTful API (Python, Keras, scikit-learn, NumPy).
- Developed a user authentication webpage (HTML5, CSS3, Python, Flask, SQLAlchemy, SQLite).
- Constructed complete documentation for all the RESTful API (HTML5, CSS3, Sphinx).

NLP Engineer (Part-time) - BotAhead, Malaysia　　　　**Jan '19 – Present**
- Research on Malaysian Conversational Language Understanding.

LANGUAGES & TECHS

- Programming Languages: Python, R, JavaScript, Java (Android), C++
- Tools and Frameworks: Git, Flask, TensorFlow, Keras, OpenCV, scikit-learn, Pandas, NumPy, Matplotlib, seaborn, OpenRefine, Dialogflow
- Human: English, Chinese, Malay and Cantonese.

HONORS & AWARDS

- 7th place at PerfectCorp challenge: Beauty and personal care product recognition (Jul '18) — Group competition to match the real world beauty and personal care product to the given 500k images.
- Consecutive MMU Dean's List Award since enrolment.

PROJECTS

- Crossword Puzzle System — A group project that focuses in building a crossword puzzle e-learning system to enhance the learning experience of students (Visual Basic, NodeJS, expressJS, PostgreSQL).
- TwitterBot — Auto retweet/favourite trending/non-trending tweets from time to time (Python, Tweepy).
- Operating System Scheduling Simulation — Using JavaScript to visualize the Operating System scheduling algorithms (Javascript).

ADDITIONAL EXPERIENCES

- **President** of IT Society in MMU (Jun '18 - Present) — The official club of Faculty of Computing and Informatics, MMU Cyberjaya. Improved the quality of subjects offered in faculty, the relation between students and faculty as well as supervising all the events organized by IT Society.
- **Mentor** of Southeast Asia A.I.CKATHON 2018 — 48-hour student-oriented Artificial Intelligence (AI) Hackathon organized by the University of Malaya, Malaysia.
- **Mentor** of Python Programming and Web Development workshops organized by IT Society.
- **Co-organizer & Wordpress developer** of VR Hackathon Malaysia 2018 — Organized and coordinated a national VR hackathon, attracted a total of 100 attendees from 12 different universities.
- **Assistant Head of Event Management & Assistant Treasurer** of Tech Career Days 2018 — Annual tech job fair organized by IT Society. Managed the cash and event flow of the event. Secured 30 sponsorships and 3 partnerships amounting to RM31K.
- **Co-organizer** of BarCamp Cyberjaya 2017 — Technology-focused unconference held in Multimedia University, attracted a total of 200 attendees with 24 talks held.