Han Cheng Han

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Education

National Sun Yat-sen University (SEP. 2015 - JUNE 2019)

Bachelor of Information Management

- GPA 3.87 in total average, 9th place of 54 person in the department
- Presidential award in 104 and 105 first semester
- Web programming lecturer in computer programming club
- Vice chairman of the 23rd information management camp
- Equipment officer of student association of the department

National Tsing Hua University (JULY 2020 - NOW)

Second year of graduate in Information Systems and Applications Department

- Finance group of ISLAB
- Use Multichart to develop trading strategies of TAIFEX and NASDAQ futures
- Maintain Database which contains financial data and web crawler deployed by lab
- Has taken a cloud programming course using AWS cloud service

Skills

Programming Language and tools

- **Web Programming:** HTML, CSS, JavaScript, PHP, Ruby
- **Web Framework:** Bootstrap, jQuery, Flask
- **Database:** MySQL, PostgreSQL
- **Others:** C, Python
- **Tools:** Git, Github flow, GitHub Actions(CI/CD), Docker, Restful APIs, Unix

Language

- **Chinese** (Native)
- **English** (TOEIC 810/990)

Experience

Computer Programming Club, Web Programming Lecturer, 2018

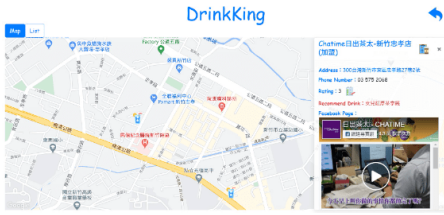- Taught Javascript, Jquery, and Bootstrap to freshmen of the department.

23rd Information Management Camp, Vice Chairman, 2017

- Hosted weekly meeting with chairman, planned the schedule of the summer camp, and maintained the online bulletin board.
- Reached over 80 applicants in total, which was the highest in the past three years.
- Improved financial situation with double profit compared with last year.
- Developed a game website served as the main event of the camp.

Student Association of Information Management Department, Equipment Officer, 2017

- Responsible for equipment and network maintenance, activities support, and sport competition registration of the department.
- Established an equipment and book borrowing system.

Side Projects

DrinkKing

A website that provides user to find specific drinks(ex: mango green tea) or drinking shops nearby.

Demo: https://drinkking.herokuapp.com

- Use **Ruby** as main programming language to build the website, including database migration, writing specs and tests.
- Use **Python** to write crawler to get menu from Ubereat and recommend drink to user based on shop reviews.
- Use **Amazon SQS** to create message-driven microservices to process data concurrently.
- Use **Github** to collaborate with classmate.
- Use **Github Actions** to construct continuous integration.
- Use MVC, DDD and Repository patterns in the software architecture.

GitHub Repo: https://github.com/GPAunder1

Captcha Recognition

A chrome extension to recognize verification code, and autofill the input field.

- Use multilayer CNN network to generate model.
- Build a chrome extension to autofill the verification code.

Use tools: Flask, Tensorflow, Javascript

Course Scheduler

A website for assisting course schedule, it will automatically add courses selected by the user to the class schedule.

- Use **PHP** to write crawler to crawl the courses of the school's course selection system and stores them into the **MySQL** database.
- Use **bootstrap** and **jQuery** to write the website.

Mobile Application and Service Experience Design

Try to change an app (use CTBC bank's former app as example) with beautiful user interface and good user experience.

Use tools: JQuery mobile、Google Map API