

WANG, CHIH-HAO

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EDUCATION

Waseda University

Computer Science, BS (International Program) – GPA 4.00/4.00

Activities: English Speaking Society, Presentation delivery to high school visitors

Honors: Scholarship for Successful International Examinees, Global Leader Support Scholarship

Tokyo, Japan

Sep 2015 – Sep 2020

National University of Singapore

One-year university exchange program

Coursework: Software Engineering, SQL Database Systems, Data Structures and Algorithms II,

Design and Analysis of Algorithms, Introduction to Artificial Intelligence, Information Retrieval

Singapore

Aug 2017 – May 2018

EXPERIENCE

Waseda University – Teaching Assistant for Introduction to Programming course

Apr – Aug 2017

- Interfaced with the professor and 60 students to deliver a C programming course.
- Provided programming consultation in English, Japanese and Chinese during non-class hours.

Nagase Brothers Inc. – Part Time Web Designer

Feb – Apr 2016

- Worked with Adobe Fireworks and Dreamweaver to design websites for advertising.
- Maintained the information websites of different private institutions using HTML and CSS.

SKILLS

- IT: HTML5, CSS3, JavaScript, Bootstrap, React, Redux, Node.js, Java, Python, C, MongoDB, PostgreSQL
- Languages: Mandarin (Native), English (TOEFL: 112/120), Japanese (Upper Intermediate)

PROJECTS (more at github.com/OscarWang114)

WaseTime • www.wasetime.com

Dec 2017 – Present

Personal Project – Source Code: github.com/wasetime/wasetime-web

- Created a MERN stack informational web application for Waseda University students, which has acquired more than 200 users.
- Implemented instant search and eliminated reloads in a single session by caching content in the Redux state tree.
- **Tools:** React, Styled Components, Redux, MongoDB, Express.js, Node.js, Travis CI

Waseda Syllabus Scraper • github.com/wasetime/waseda-syllabus-scraper

Oct 2017 – Present

Personal Project – Created to provide syllabus and classroom information for WaseTime

- Created an automated web scraper for collecting information from the syllabus database at Waseda University.
- Used MongoDB aggregation framework to extract classroom usage information into multiple collections, reducing search time by more than 90%.
- **Tools:** Python, JavaScript, MongoDB, Travis CI, Shell Script, Cron

LISA: Levels Integrated Secretarial Agent • github.com/CS2103AUG2017-T13-B1/main

Aug – Dec 2017

Five-person Project – Created a 14K LoC desktop managerial application for insurance agents

- Developed, built, and released the product using a Scrum-based methodology.
- Designed an original model expressing one-to-many relationships between a person and life insurances using JavaFX data structures.
- **Tools:** Java, JUnit, Gradle, Travis CI

Simple Chat App • github.com/OscarWang114/SimpleChatApp

Apr – May 2017

Personal Project – Created an online chat room integrated with Google Maps

- Used Google Maps API to display chat messages on an info window positioned at the user's current geolocation.
- **Tools:** Bootstrap, jQuery, Node.js, Express.js, Socket.IO, Google Maps API