

Yu-Tai Chen | Kevin Chen

Software engineer • Computer Science Major and Game Design Certificate • University of Wisconsin Madison

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About me

Programming Flutter | Java | Android Studio/ HTML/CSS/JavaScript | C++ | Python | Git | Linux

Language Proficient in both Mandarin and English

Internship

Family Mart Head Office

Taipei, Taiwan

Software System Engineer Intern

February – July 2021

- Digitalize traditional company management system from paperwork to digital system by using Agent flow
- Customize each departments user interface form and enable choosing multiple departments or employees without conflict
- Ensure the process of each digital form should flow from employee to manager without permission conflict
- Generate Emergency Product Modification Form and Product Quality Assurance Form

Delta Mobile System

Schaumburg, IL

Software Engineer Intern

June - July 2019

- Improved Automatic Recognition System for trainHOG (an open-source AI algorithm use to detect pedestrian)
- Implemented open cv and compare 100 negative and 100 positive samples
- Developed in C++ established fundamentals rules for trainHOG to have flexibility on determining positive and negative samples
- Communicate with Git work environment (push, pull, merge with any coding changes)
- Create 500+ samples of human recognition for radar sensor

PricewaterhouseCoopers (PwC)

Taipei, Taiwan

Assistant – Risk Assurance Team.

June - July 2018

- Analyzed data of balance sheet & income statement of finance holding companies
- Update new law enforcement threshold of finance to finance holding companies
- Established recovery and resolution plan for every finance holding companies
- Calculate asset liquidity under pressure tests to simulate economic crisis (use excel to complete most task)

Projects / Leadership

ONLI side project iOS and Android Version for Long Distance Relationship app

Android Studio/Flutter

Coding team head (4 – marketing / 4 – design / 4 coding)

- Enable couples add their favorite place in a bucket list and calculate distance between places by customize Google Map API
- Design a couple to-do list with reward base update synchronously on both people's account
- Ex he set a task for her to work out three times per week, if she completes, she can then view the reward, a free bubble tea, set by him
- Special events, distance between two people, count down system of next time meeting implemented throughout the year as reminder
- Included functions: login/sign up, pairing, chat, phone call, take photo, retrieve photo, memorandum enable two people to edit

Dane County Human Society Android App Version

Android Studio/Flutter

Project Manager

- Adapt pet system and lost pet function, multiple rules of filter searching
- Implemented firebase to store and retrieve data from lost and adopt animal database
- Included functions such as user login/sign up, edit profile, settings, notification, calendar with events, and basic information about DCHS
- GUI designed object and color choice structured like the original web version with flutter widget object-oriented inheritance relationship
- Established admin version with all permission to add/edit/delete event or delete pets from the database

Education / Extracurriculars

University of Wisconsin Madison

2017 September - 2022 June

Expected graduation date: **2022 June** (Take a gap year and finish serving compulsory military 2020/05 - 2021/05)

- Computer Science major and Game Design Certificate
- 2019 Carbon Madhacks Hackathon People's Choice Award