Yu-Kai Chao

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Github: https://github.com/KaiChao15
Portfolio: https://kaichao15.github.io/

Competitions and Personal/Team Projects

Kaggle Speed Dating Experiment data Anaylsis 04/2019

- Examined a speed dating dataset by excel and built a model to predict how well someone will do on an average speed date based on their input data
- Built models by using artificial neural net, linear regression and Jaccard Similarity
- Developed the model by using various python libraries such as numpy, pandas and matplotlib

Battlesnake Tournament 03/2019

- Wrote an AI snake bot in Python to compete with others' bot and avoid potential danger
- Used HTTP requests to gather information and predict potential danger by receiving JSON objects
- Developed the project through Github with the team and good team communications

iOS mini-game 12/2018

- Wrote a single view app game which users need to guess a number with limited life points by using Swift and Xcode
- Learned about iOS system development and iOS UI design

Qualifications and Skills

- Techinal Skills: Java, C, Python, Swift, HTML, CSS. MS Office, Git and Bash
- OS Systems: Unix/Linux, MacOS and Windows10
- Experienced IDEs: IntelliJ, PyCharm, Vision Studio Code, Atom, Ecilipse and Xcode
- Languages: Fluent in English, Mandarin and Taiwanese and Intermediate in Japanese
- Strong logic with algorithms and mathematical problems
- Ability to work independently and as a team member

Work Experiences

Kitchen Staff 05/2016 – 12/2018
Fujiya Foods Industry Victoria, BC, Canada

- Prioritised tasks in a limited time period for various kitchen orders
- Communicated with the team to provide the best service and good quality food

Education

University of Victoria 2014 – 2015 / 2016 - Present
Bachelor of Engineering in Computer Science - 4th year (Expected Graduation 2020)

Camosun College 2012 - 2014
University Transfer Program