YUNWON TAE

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Education

Bachelor of Science, Computer Science & Engineering 2018
UC Davis College of Engineering — Davis, CA, United States
Expected Graduation Date: Dec 2018
Courses taken included: Computer Vision, Programming Language, Computer Architecture, Object Oriented Programming, Algorithm Design, Operating Systems, Natural Language Processing (NLP), Information Interfaces

Research Interests

- Natural Language Processing
- Machine Learning
- Text Generation/Classification

Experience

Summer Internship Jun 2018 to Sep 2018
NAVER Clova AI — Seongnam, Gyeonggi
Comments Generation (Summer 2018) - Generating Comments based on Article Titles

- Dialog WAE: Gaussian Mixture vs. Gaussian Additive
- Hybrid CNN-RNN
- Variational Attention

WebDemo (Summer 2018) - Demonstrating Comments Generation

- Integrated with Flask and Pytorch

Skills

Programming languages expert with: C, C++, Swift, Typescript, Python(Pytorch), Javascript, HTML/CSS
Programming languages somewhat familiar with: Rust, Bash Script, Matlab, R
Framework: Angular, Node.js, Express, Socket.io, Firebase
GCP (Google Cloud Platform): Compute Engine, App Engine, Vision API

Activities

2017 Hackathon by Devpost
FoodSnapper - Using Google Cloud Vision API to detect foods and retrieve the nutrition information from a database. (Detail: https://devpost.com/software/foodsnapper)
2017-2018 President of Korean Aggies United
A student organization which does most of Korean Social events with community services to form a Korean community at UC Davis.

Projects

Davis Capstone Project with Google Software Engineer: DrawBack (Winter 2018) - Collaborative Drawing Real Time Application

- Users can share their drawing in real time
- Used MEAN Stack with socket.io framework to build this WebApp
- Used GCP:Compute Engine to host website

Clone: Warcraft II (Fall 2017) - Strategy game

- Porting existing linux application to IOS application
- Designed the UI to fit in IPhone Screen