Yuwnon Tae

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Summary

Obtaining a research internship position to utilize my skills, knowledge, and considerable expertise in machine learning and deep learning

Education

University of California, Davis — Davis, California
Bachelor's Degree — *Graduated December 2018*

Korea University — Seoul, Seoul
Master's Degree — *Graduating December 2020*

My research interest is machine learning, specifically natural language processing with deep representation learning.

- Natural language processing
- Machine learning
- Unsupervised machine translation
- Text generation/classification

Employment History

Naver Clova AI — Seongnam-si, Gyeonggi-do
Global research internship — *June 2018 - September 2018*

Comments Generation (Summer 2018) - Generating comments based on article titles
- The baseline model was Dialog WAE which is originally used for dialogue modeling.
- Hybrid CNN-RNN was another approach for encoder and decoder.
- Due to popularity of attention modeling, Variational attention was another approach.
- WebDemo (Summer 2018) - Demonstrating comments generation integrated with flask and pytorch

Skills

Programming languages expert with: Python(Pytorch), C, C++
Programming languages somewhat familiar with: Bash, Javascript, Swift, Typescript
Framework somewhat familiar with: Angular, Node.js, Express, Socket.io, Flask

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) - CollaborativeDrawing Real Time Application (https://edu.google.com/latest-news/stories/uc-davis-capstone/?modal_active=none)

- 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