Sang Jun Yum

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EDUCATION

New York University **New York, NY**
B.A. in Computer Science with Minor in Mathematics September 2011 – December 2017
GPA: 3.42

WORK EXPERIENCE

Oak Hill Advisors **New York, NY**
Summer Intern, Application Development Department June 2017 – August 2017
Implemented and debugged programs that automate production of the company's fund management reports.

- Development was done in .Net framework.
- Modified and optimized the performance of the company's financial report writing programs. The modified versions were released in the production level. After the modifications, the runtime of the programs was significantly decreased.
- Successfully finished a research project of discovering the best open source substitute for Interop.Excel, and received purchase approval of the open source by the Managing Director of the Application Development Department.

Slidejoy **Seoul, Korea**
Software Engineering Intern July 2016 – September 2016
Assisted the senior engineer in implementing a click-expectation of articles using a deep learning model.

- Used Tensorflow as the development kit.
- Assisted in implementing a deep neural network that expects the click of articles by random users.

Republic of Korea Ministry of National Defense **Seoul, Korea**
Airman Staff Sergeant August 2012 – August 2014
Mandatory military service.

- Specialized in information collecting operation.

Deloitte Consulting **Seoul, Korea**
Summer Intern July 2012 – August 2012
Participated in risk management consulting project of Hyundai Motors, which demanded strong analytical, organizational, and interpersonal skills in results-driven, customer-focused environment.

- Translated management consulting related documents and case study reports that contained information relevant to the ongoing project.

PROJECTS

Natural Language Processing: Encoder-RMN Model **New York, NY**
November 2017 – December 2017
Implemented a machine translation model using the Encoder-Decoder model (Cho et al., 2014), and modified the original model by replacing the decoder with Recurrent Memory Network (Tran et al., 2016).

- The model was trained using IWSLT2016 and Multi30k English to German parallel corpora.
- Project details and codes can be found in https://github.com/ysangj/NLP_DeepLearning_final_project.

Natural Language Processing: Movie Genre Popularity Analysis **New York, NY**
November 2016 – December 2016

- Analyzed the popularities of different movie genres by comparing the language characteristics of specific genres against a data set that is comprised of movie-related questions.
- Project detail and codes can be found in https://github.com/ysangj/Natural_Language_Processing.

SKILLS & INTERESTS

Programming Languages: C, C#, Java, Python
Other Software: Tensorflow, PyTorch, Numpy, Scikit-Learn, Aspose.Cells, UNIX/LINUX
Language: English(fluent), Korean(native)