Li Xiang

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EDUCATION

M.S., Information Technology, Department of Computer Science   09/2018-06/2019
The Hong Kong University of Science and Technology (HKUST), Hong Kong
GPA : 3.8/4.3

B.S., Internet of Things Engineering, School of Information Science and Technology   09/2014-06/2018
Central South University (CSU), China
GPA : 88.2/100   Rank : 5/51

RESEARCH EXPERIENCE

Research Assistant
Dept. of Supply Chain and Information Management
The Hang Seng University of Hong Kong   01/2019-Present

- Engaged in project "Configuration-based recommendation for online product customization" (funded by RGC) under the supervision of Dr. WANG Yue
- Using SOTA natural language processing model and embedding techniques to configure and recommend product to customer.
- My contribution: based on the product review data, explore different word/sentence embedding and text classification techniques to train the product configurator recommendation model and fine-tune/test on the customers' needs data. The experiment result shows it has great recalls when doing recommendations.

PROJECT EXPERIENCE

MSc Independent Project
Building Semantic Network from Web Pages   09/2018-12/2018

- Input a seed of initial concepts, scraping titles/snippets of search engine's returned results in different settings (e.g., time ranges and search categories).
- Build semantic networks after extracting and classifying entities in the results, compare different search categories and explore further application scenarios of this method.
- This work is a further exploration of a special type of semantic network named Concept Relation Network and I got A+ in this project.

HONORS & AWARDS

- Entrance Scholarship by School of Engineering, HKUST (HK$ 10,000)   2019
- Outstanding Graduate Student of Central South University   2018
- "HUAWEI Cup" Chinese University Students Intelligent Design Competition National First Prize   2016
- National Endeavor Scholarship in the academic year of 2014-2015   2015

PUBLICATIONS

- **Configuring Products by Natural Language: A Simple but Efficient Approach Based on Word Embeddings.**   (under review)
  Li Xiang, Wang Yue and Siu Sai Cheong
  IEEE Transactions on Engineering Management

TEACHING EXPERIENCE

Teaching Assistant at *The Hong Kong University of Science and Technology (HKUST)*
- CSIT 6000I: Search Engines and Applications (Master Courses Fall 2019)