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EDUCATION BACKGROUND

Harbin Institute of Technology (HIT)

Bachelor of Computer Science and Technology
GPA: 93.8/100, Ranking: 1/39 in CE track

Harbin, China

Sept. 2016-Jun. 2020(expected)

The University of Hong Kong (HKU)

Exchange Student of Computer Science
GPA: 3.8/4.3

Hong Kong, China

Sept. 2018-Jan. 2019

RESEARCH EXPERIENCE

Database Group, The University of Hong Kong (HKU)

Research Assistant

Hong Kong, China

Jul. 2019-Aug. 2019

- Topic: Knowledge Graph Based Long-tail Query Recommendation
- Supervisor: Prof. Reynold Cheng
- I try to improve the existing meta-paths enabled algorithms about Long-tail Query Recommendation given a large knowledge graph. In particular, I put forward using knowledge graph embedding to make full use of the information provided by knowledge graph and transform entity expansion into an entity prediction problem.

HIT Massive Data Computing Research Center

Student Research Assistant

Harbin, China

Dec. 2018-Jun. 2019

- Topic: Join-based Data Sources Selection
- Supervisor: Prof. Hongzhi Wang
- I aim to design a both efficient and effective algorithm to facilitate massive data sources selection. Particularly, we build a graph model and find an efficient algorithm to solve it.

PROJECTS

• Simple Ray Tracer

Apr. 2018

- Rendering using BRDF to fulfil Global Illumination
- Multi-thread to speed up
- pure C++ programming without using OpenGL

• Smart Clinic

Nov. 2018-Mar. 2018

- Smart Clinic is a task-oriented chatbot platform for the medical area.
- We employ CNN and SVM respectively for text classification
- Django web framework

• Chatbot

Oct. 2017

- Supervised by Prof. Ting Liu, I use the Seq2Seq model with LSTM to implement a simplified general chatbot based on dialogue generation.

AWARDS & ACHIEVEMENTS

- National Scholarship (Top 1%) *by Chinese Ministry of Education, 2018*
- Fung Scholarship *by Victor and William Fung Foundation Ltd., 2018*
- Provincial Merit Student (Top 2%) *by Heilongjiang Province, 2018*
- Third Prize in Lanqiao Cup Programming Competition *2018*
- People's Scholarship *by HIT, 2016-2018(for 4 times)*

LANGUAGE PROFICIENCY

- TOEFL: 27(R) + 22(L) + 21(S) + 26(W) = 96
- GRE: 155(V) + 169(Q) + 3.5(AW) = 324 + 3.5
- CET-6: 601

PROGRAMMING SKILLS

- Python, Java, C++, C, Matlab, R
- Pytorch, Cuda
- Latex, HTML