

Mingqi LI

Harbin Institute of Technology, Nangang District, Harbin, China, 150001
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Education Background

Harbin Institute of Technology (HIT), China Sept. 2017-Present

- Master of Software Engineering, GPA: 83.34/100
- Core Courses: Data Mining, Machine Learning, Database System, Natural Language Processing, Artificial Intelligence

Huazhong University of Science and Technology (HUST), China Sept. 2013-Jun. 2017

- Bachelor of Software Engineering, GPA: 79/100
- Core Courses: C Programming Fundamentals, Calculus, Linear Algebra, Probability and Statistics, Discrete Mathematics, Object-oriented Programming
- ✧ Honor for Progress Student of Academic Records in 2016
- ✧ The University's Excellent Student Cadre in 2015 and 2016
- ✧ Outstanding Graduates Awards in 2017

Research Experience

Answer Selection in Community Question Answering Mar. 2018-Present

Research Assistant; Advisor: Prof. Bingquan Liu, HIT

- Select characters such as the length of answers, proportion of proprietary words and proportion of punctuation, filter low quality answers and evaluate with F1 and ROC
- Use bag-of-words model, CNN, and CNN/LSTM method based on attention mechanism to rank answers

Single Document Summarization Mar. 2018-Present

Research Assistant; Advisor: Prof. Bingquan Liu, HIT

- Conduct the literature reviews on extractive summarization and utilize some effective methods such as graph-based ranking method, comprehensive characteristics of sentence method, CVM-HMM method, and CRF method to do the task of single document summarization
- Compare the different methods and analyzed the advantages and disadvantages of them according to ROUGE
- Conduct the literature reviews on abstractive summarization and recurring experiment

The Virtual Reality Training System of Walking Parameters Determination and Development Mar. 2017-Jun. 2017

Research Assistant; Advisor: Prof. Weiya Chen, HUST

- Analyzed requirements and designed 2AFC experiment process which is a psychophysics experimental method
- Proposed a system to collect characters of walking and measure perception recognition threshold of people using HTC vive
- Developed virtual reality walking training system using C# and unity3D, and tested and improved the experimental system to make sure that testers can complete test
- Used system to do experiment and improved compared to other experiments

Internship Experience

Neusoft, Beijing, China Jun. 2016-Jul.2016

- Made requirement analysis of a child care application to help mothers record physical condition of their children
- Designed and developed part of core function which can save and update records and tested the application, and its basis functions such as registration and login, save and read records, and UI worked well

Leadership Experience

- President of a student financing organization of Software institute in HUST(09/2015~06/2016)
- President of Administrative Department of a student financing organization in HUST(09/2014~06/2015)

Skills and Other

Language: Mandarin (Native), English (Fluent)

Programming Language: Familiar with C, C++, C#, Python, HTML