Lingheng Zhu *(Male, Chinese, DOB: 01/26/1996)*

Phone: +86-18811579199, Email: zhulingheng0712@bupt.edu.cn

Address: No.10, Xitucheng Road, Haidian District, Beijing, 100876, China

EDUCATION BACKGROUND

09/2014-07/2018   Beijing University of Posts & Telecommunications (BUPT)

✧ *International School – Joint Program between BUPT and Queen Mary University of London*

✧ ***Major***: Telecommunications Engineering with Management

✧ ***GPA***: 89.55/100 – ***Ranking***: 6 /311

✧ ***Degree expected***: BSc(Eng) from BUPT and BSc(Eng) from Queen Mary University of London

PUBLICATIONS

✧ **Lingheng Zhu**, Wu Liu, Lingyang Chu, Peiye Liu, Xiaoyan Gu. "Query from Sketch: A Common Subgraph Correspondence Mining Framework", *Proceedings - 2017 IEEE 3rd International Conference on Multimedia Big Data, BigMM 2017,* ISBN-13: 9781509065493, June 30, 2017

✧ Wu Liu, **Lingheng Zhu**, Lingyang Chu**,** Huadong Ma. "A Common Subgraph Correspondence Mining Framework for Map Searching Services", *Multimedia Tools and Applications*, ISSN: 1380-7501 **(under review)**

STANDARDIZED TESTS

09/09/2017   TOEFL: 101 (R: 29, L: 26, S: 22, W: 24)

03/18/2017   GRE: 325 (V: 155, Q: 170) + **AW: 3.5**

RESEARCH EXPERIENCES

07/2016-04/2017   Mobile Video Search

Independent Study   Advisor: Dr. Wu Liu

✧ Implemented Java and C++ programs on Android to realize extraction of audio-video signature

✧ Developed C++ programs on Windows server to achieve data reception and data retrieval

✧ *Achievement*: **Second Prize** in National Undergraduate Cloud Computing Application Innovation Contest

05/2016-05/2017   Interactive Home Layout Scenario-Specific Platform based on AR

(National College Students Innovation and Entrepreneurship Program)

Six-Member Cooperative Task   Advisor: Associate Professor Shaohua Liu

✧ Designed and developed a mobile APP on Android

06/2017   DHCP Client and Server

✧ Programmed DHCP client using C in the platform of Linux

05/2017   Design of a Self-Service Ticketing Kiosk for Cinemas

Leader of Six-Member Team

✧ Developed the software for a self-service ticketing kiosk in cinemas using Java and Agile

04/2017-05/2017   Design of Intelligent Monitoring System based on Raspberry Pi

✧ Programmed in Python to realize automatic shooting of moving objects and uploading of photos

ACADEMIC CONTESTS

01/19/2017-01/23/2017   The International Mathematical Contest in Modeling

Responsibility: Programmer and Modeler   Problem C: Cooperate and Navigate

✧ Developed a self-driving car model using MATLAB based on adaptive cruise control (ACC)

01/19/2017-01/23/2017   The International Mathematical Contest in Modeling

Responsibility: Programmer and Modeler   Problem A: A Hot Bath

✧ Partitioned the tub into tiny cubes whose surfaces exchanged heat following Newton's Law of Cooling and used MATLAB for simulation

EXTRACURRICULAR ACTIVITIES

Leadership & Teamwork Experiences

03/2016-05/2016   Model International Conference

Role: Vice Chairman, President of Conference Affairs Department & IT Department

✧ Took charge of materials management, site layout and staff arrangement

10/2015-06/2016   BUPT Choir

Role: Director of Voice for Tenor

✧ Co-planned choir training and rehearsal activities

03/2015-05/2015   BUPT "Star of Tomorrow" English Drama Contest

Role: Director and Writer (9-Person Team)

✧ Designed the drama of "brave heart", including plot, stage effect, dialogue, music, and costume

Volunteer Experience

11/2015-12/2015   Beijing Aviation General Hospital

✧ Served as a volunteer of information service, guided patients

AWARDS & HONORS

2015&2016&2017   First-Class Scholarship (three times), BUPT *(award scale: 13/295)*

2015&2016&2017   Merit Student (three times), BUPT

ADDITIONAL INFORMATION

Computer Skills

✧ *Application Software*: Microsoft Office, MATLAB – *System*: Linux, Android

✧ *Programming*: C, C++, Java, Python, SQL – *Database*: MySQL

Interests and Hobbies

✧ *Music*: Piano (Amateur Level-10), Guitar, BUPT Choir

✧ *Sports*: Basketball, Ping-Pong