**Yue Chang**

**Tel**: (+1) 240-467-6208 | **Email**: yuechang@umd.edu | **Linkedin**: https://www.linkedin.com/in/changyue/

# EDUCATION BACKGROUND

## M.Eng. Software Engineering, University of Maryland College Park, USA

## International School, Beijing University of Posts and Telecommunications Beijing, China

## Joint Program with Queen Mary University of London London, UK

## B.S. Telecommunications Engineering with Management 09/2015-07/2019

## Junior/Senior GPA: 3.5

# PUBLICATION

## Sixing Wu, Fangzhao Wu, Yue Chang, Chuhan Wu, Yongfeng Huang; ‘Automatic construction of target-speciﬁc

## Sentiment lexicon’; Expert Systems With Applications: 116 (2019) 285–298

# PROJECT EXPERIENCES

**Institute of Information Cognition & Intelligent System, Tsinghua University Beijing, China**

**Project: Sentiment Analysis** *(Research Intern, Advisor: Yongfeng Huang) 09/2017-09/2018*

## ·Proposed an algorithm of polarity judgment based on statistics and the algorithm of feature extraction with Python, so as to improve the accuracy of the emotion judgment of the comments.

**·**Estimated the polarities of sentiment words and aspects through rule-based aspect extraction in a special field

**·**Improved the precision and recall of some fixed collocation in specific fields.

**·**Formed our result into a paper and published on the journal- Expert Systems With Applications

**Research Institute of Petroleum Exploration & Development Beijing, China**

**Project: Internet of Things System for Oil and Gas Production (***Software Developer Intern***)** *07/2017-08/2017*

**·**Participated in the development of production management subsystem, which has the function of real-time production monitoring, production analysis, security early warning, data management, etc.

**·**Developing the front-end web using **HTML**, **CSS**, **JavaScript**.

**·**Learned the database language **SQL**, and understood the use of TCP/IP and its applications.

## Contest: MCM/ICM-Two Models for Managing The Zambezi River *02/2016*

**·**Proposed method to replace the Kariba Dam with a series of smaller dams to solve the problem of managing the Zambezi River by doing data fitting with **MATLAB**.

# SELECTED COURSEWORK

**Private Domain Name System**(Course: Internet Applications) *2018*

**·**Completed several server program (including local server, root server, TLD server and other servers) and a DNS client program based on Ubuntu system with **C language**.

**A smart energy management and monitoring system**(Course: Software Engineering) *2018*

**·**Developed the software using **Java** and used Agile Methods to manage the project.

**3D Graphics Programming**(Course: 3D Graphics Programming Tools) *2018*

**·**Developed an articulated and interactive object in the shape of a farm animal using **C** **language** and OpenGL. ,

**The Development of A Job Search Application** (Course: Mobile Internet) *2018*

**·**Developed a job search application which used **Python** to collect data, save useful information into MySQL database and retrieve data for user. The frontend is developed with **HTML**, **CSS** and **JavaScript.**

**Food Ordering System** (Course: C Programming Fundamentals) *2016*

**·**Developed a food ordering system with **C**. Accomplished the I/O data streaming part and the UI design.

# SKILLS

**Programming Skills:** C, Java, Python, MATLAB, HTML, JavaScript, SQL, VDHL.