Miss. Liu Yao (刘遥)

BASIC INFORMATION

- Name: Liu Yao   Date of Birth: 13/05/1996   Email: liuyaosg@yeah.net
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ACADEMIC BACKGROUND

Sep. 2014-June 2018   East China Normal University, China (ECNU)

- Bachelor of Engineering, Major in Software Engineering
- GPA: 3.58/4.0   Average Score: 89/100   Ranking: Top 10%

HONORS & REWARDS

Sep. 2017	The Second-class Scholarship for Outstanding Student of ECNU (for 3 consecutive years)
Jan. 2017	The Third Prize of Interdisciplinary Contest in Mathematical Modeling (Global Level)
Sep. 2016	Winning Prize of 2016 The 2nd Innovation and Entrepreneurship Competition (University Level)
Sep. 2016	Shanghai Student Innovation and Entrepreneurship Training Program——"The Sharing Platform of Curricular Resource Based on iOS Platform and Website" (Project Leader)
Apr. 2016	The Second Prize in the 6th College Students' National Marketing Survey & Analysis Contest (National Level)

INTERNSHIP EXPERIENCE

Intern of Front-end Development Engineering, The Orient Overseas Container Line   **Oct.2017 –Present**

- Knew more about web markup languages including html and css, Javascript frameworks
- Participate in the development and maintenance of business intelligence dashboard of corporate using vue /nodejs
- Participate in the development of innovative WeChat small program based on AI+ logistics.
- Experienced in using Git, Sql, Python Language
- Used SQL, Python and NOSQL MongoDB to manipulate high-volume data based on transaction ID

Intern of Software Development Engineering, International Business Department, C-trip   **July 2017 – Aug. 2017**

- Used SQL, Python and NOSQL MongoDB to manipulate high-volume data based on transaction ID
- Was proficient understanding of relational databases Mysql and Sql sever
- Created a parameter configuration with JavaMail, and set up the session object to interact with the mail server
- Established different types of indexes, and optimized the delivery of air mail after completing experimental verification of query performance
- Applied "Collaborative Filtering" algorithm to generate tickets-recommended mail according to history of the user and the same type of customer information

Intern of Software Development Engineering, SAP Labs China   **Jan. 2017 - June 2017**

- Carried out basic interface testing and functionality testing, such as black-box testing and regression testing
- Developed and maintained automation test code using Python and javascript (familiar with test tool involving postman, selenium, JMeter, Webdriver)
- Edited and maintained tested cases (web client and pad client)
- Assisted in building continuous integration of cloud database based on the knowledge and the tools of continuous integration or continuous delivery

Intern of Front-end Development Engineering, Mustlisten Investment Co.,Ltd.   **July 2016 – Aug. 2016**

- Knew more about web markup languages including html and css
- Had basic understanding of Javascript frameworks, such as AngularJS
- Experienced in using git, Sql, Python Language

PROFESSIONAL EXPERIENCE

Interdisciplinary Contest in Mathematical Modeling

- *Topic: Design Highway Toll Plaza Shape, Size and Merge Mode*
- Verified that the vehicle arrives obey Poisson distribution and service time obeys negative exponential distribution from the regular driving lane into the more number of toll booths
- Used Queuing Theory to analyze that the system is an M/M/N/N mode, and calculated the optimal number of service stations
- Applied the Maximal Flow Model to optimize the management mode of the traffic flow, and used Matlab to do the data fitting
- Considered unmanned vehicles, electronic toll booths and honeycomb-type shape toll plaza

Intelligent Simulation Foundation (Machine Learning) Project

- *Topic: Automatic Course Scheduling System Based on Genetic Algorithm*
- Input information of class, courses and teachers' names to generate various grades' curriculum schedules automatically with humanization and rationalization
- Used fitness function to assess individuals after generating one population, which means retained good offspring, eliminated bad offspring
- Took characteristics of courses, duration, amounts of the courses into consideration

The Analog Compiler with Lexical Analysis and Syntax Analysis

- Designed a programming language similar to C
- Scanned the source program of this high-level language from left to right
- Judged the correctness of syntactics, output analysis process and generated syntax tree

ADDITIONAL INFORMATION

On-Campus Experience: 1) Vice Director of Learning Development Center in Student Union of ECNU
                    2) Member of Public Relation Team of Center for Cultural Activities

Language Skills：1) Chinese-native 2) English: IELTS 7 GRE: 326

Computer Skills: MSOffice (Word, Excel, PPT etc.), C++, Java, Python, Mysql, Matlab, Hadoop