

# Qingle(Leo) Yao

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## **Objective:**

Seek to apply my abilities to the position of Software Development Engineer starting from Summer 2017.

## **Education:**

**University of Southern California**, Los Angeles, CA May 2017

- Master's Degree of Science, Computer Science
- Current GPA: 4.0/4.0

**Zhejiang University of Technology**, China Jun 2014

- Bachelor of Engineering, Computer Science & Technology + Automation
- GPA: 3.8/4.0, Ranking: 2/59

## **Working Experience:**

**Amazon**, Seattle, WA Jun 2016-Aug 2016  
SDE Intern

- Created advertisement slots for Amazon in its home page, detail page, thankyou page, etc., which in total attracts more than one billion views on these slots and millions of clicks annually.
- Embedded Javascript code in Amazon's frontend advertisement slots, collected valuable users' behaviors and created graphs to describe the data (the view time, number of clicks, etc.) on each slot, which are of significant meaning to Amazon's market team.

**BEST Logistics Technology (China) Co., Ltd**, Hangzhou, China Jan 2015-Jul 2015  
Software engineer (.NET)

- Routed customers' requests on WECHAT into different categories and designed algorithm to offer smart responses to these requests using RegEx etc., which cut down the expenditures on custom service and is still used by many customers
- Implemented and maintained the database and backend of OA (Office Automation) system with MVC framework for all employees (more than 30,000) to do the work flow, reduced the amount of paperwork and manual operations and increased the efficiency significantly

## **Research and Technical Experience:**

**Grader of Web Technology**, University of Southern California Jan 2016-present

- Got top 5% in this course and invited by the professor to be a grader.
- Participated in designing homework, grading homework and instructing students in this course, which is a required course and several hundred students attended every semester.
- Collaborated with other graders and TAs, solved all students' puzzles and achieved that not a single email was forwarded from the students to the professor, which is unprecedented in the professor's teaching career.

**Study and Implementation of Spectral Matting**, Zhejiang University of Technology Dec 2013-Jun 2014

- Programmed Spectral Matting algorithm with Matlab that outputs completed and clear foreground from nature images
- Made user-interface software with C# to put the theory into practical use

**Environment Monitoring System based on RFID/WSN/GPS/GPRS of Transportation of Food with Low Temperature**, Zhejiang University of Technology May 2013-Jul 2013

- Collaborated with two graduates to program sensor and software to monitor the environment of transported food in real time that sent alert every time there was an anomaly
- Designed and built the database, developed backend management software with MFC and BAIDU map API to view and manage the data received from sensor
- Won Patent from *State Intellectual Property Office of the P.R.C* and Registration Certificate of Computer Software Copyright from *National Copyright Administration of the P.R.C*