

# Wentao Feng

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## OBJECTIVE

To apply for a 2017 summer internship as a Software Engineer

## TECHNICAL SKILLS

Software: MySQL, Redis, Laravel, Yaf, Vagrant, nginx, Git, Mercurial, TortoiseHg, Charles

Programming: PHP, JAVA, C/C++, JavaScript, SQL

## PROFESSIONAL EXPERIENCE

### PHP R&D Engineer

May.2015 – Jan.2016

*Jumei.com | Beijing, China*

### Client API development and upgrading

May.2015 – Jan.2016

- Built and maintained API of the user center and payment module, responsible for 25+ APIs.
- Maintained and updated API testing tool and wiki, upgraded the front-end of testing tool to facilitate the using, used JavaScript to beautify the testing website.

### API system refactoring

Aug.2015 – Oct.2015

- Reconstructed 80,000 lines of API and Service code, used the new Laravel framework to implement the development, replace the old API framework, improved efficiency by 30%.
- Refactored 10+ user center APIs and 5+ payment APIs, more than 10,000 lines.

### Wiki system building and testing tool

Jun.2015 – Aug.2015

- Formulated the 100% standard configuration files enabling it auto update, utilized PHP based on Doku Wiki to build internal wiki system.
- Used Yaf framework to accomplish the matched API testing tool, used JQuery to asynchronously update the text on the website.

## ACADEMIC PROJECTS

### Double Lock Code Project

Jan.2014 – May.2014

*The High Intensive Security Verification Technology Based on Two-dimensional Color Code and acoustic code*

*Beihang University | Beijing, China*

- Encrypted the verification information by random key(md5), the ciphertext took the color code as a carrier; encrypted the random key by mobile key, the ciphertext took the acoustic code as the carrier
- Restored the ciphertext by scanning the two-dimension code on the mobile, and then decoded the ciphertext and send the verification information back to server

### Shopping Recommendation System

Jan.2015 – Jun.2016

*Beihang University | Beijing, China*

- Calculated the similarity of different users and the preference of the users on the specific property by using Item-based Collaborative Filtering and Content-based Recommendations, according to the shopping data of the users.
- Adopted the water-fall model to integrate two kinds of recommendation algorithm to achieve the better effect, to solve the problem that dataset is not large enough.

### Laboratory Big Data Research

Jun.2014 – Jun.2015

*Beihang University | Beijing, China*

- Called Tencent Weibo APIs (Chinese Twitter), used POMDP algorithm to conduct the crowdsourcing study
- Used the build-in algorithm of Weka to make data mining on student's behavior

## EDUCATION

### Master of Science (Computer Science)

Sep.2016 – May.2018

University of California, Riverside, CA, USA

### Bachelor of Science (Computer Science)

Sep.2011 – Jun.2015

Beihang University, Beijing, China

GPA:3.4/4.0