

BRIAN HUANG

Beijing University of Posts and Telecommunications
No.10, Xitucheng Road, Haidian District
Beijing, China, 100876

Mobile: (+86) 130-8266-3782
Email: binglianghuang@gmail.com
Blog: <http://blog.csdn.net/souldak>
GitHub: <https://github.com/evagle>
English: GRE 323

INTERNSHIP EXPERIENCE

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| Hipu
<i>Software Development Engineer</i> | 2011/10-2012/3 |
| <ul style="list-style-type: none">• Implemented the first version of User Log Analysis System.• Designed and programmed the second version of User Log Analysis System which has faster speed and lower latency.• Designed and developed the website for User Log Analysis System. | |
| Baidu Page Search Department
<i>Software Development Engineer</i> | 2011/10-2012/3 |
| <ul style="list-style-type: none">• Participated in web page classification algorithm research project. Classification accuracy is improved by 5%.• Coded shell scripts and hadoop streaming scripts to analyze search logs.• Accomplished a web page weighting assistant program, halved the time cost of doing web page weighting. | |
| Baidu Mobile Internet Department
<i>Software Development Engineer in Test</i> | 2011/3-2011/6 |
| <ul style="list-style-type: none">• Helped testing the core module of Baidu transcoder service.• Responsible for the test of website: Baidu Mobile Open platform.• Designed and implemented system-level and module-level automation test cases. | |

PROJECT EXPERIENCE

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| ABWord app - the best for learning English words | 2012/8-2012/12 |
| <ul style="list-style-type: none">• Made an investigation on other applications and analyzed software requirements.• Designed the software framework and the database structures. Drafted an algorithm according to Ebbinghaus Forgetting Curve.• Designed a good user interface to improve user experience.• Implemented the app. Solved problems like how to load units information quickly and how to store real-time user feedback and how to speed up database operations. | |
| Food Order System (Lepad Android) | 2011/9-present |
| <ul style="list-style-type: none">• Designed and implemented server with PHP. The server provides User Authentication, Recipe Management and Order Management.• Collaborated with the UI designer and designed user interface for android app.• Designed and programmed android app which facilitates checking menus and ordering.• Designed communication protocols between server and android app. | |
| A Crawler of renren.com | 2010/7-2010/8 |
| <ul style="list-style-type: none">• Learned java by myself and wrote a crawler to fetch friend list from RenRen.• Optimized data structure to speed up the crawler and took advantage of website's bug to avoid it's anti-crawler mechanism. | |

SKILLS

- Fluent spoken/written English
- Familiarity with software development in C, C++, JAVA, PHP.
- Proficiency in generic algorithms and data structures
- Familiarity with Android application developing
- Familiarity with Linux and Linux commands
- Skilled in shell programming
- Experience of Database Design, SQL, Regular Expressions
- Experience of hadoop streaming programming

HONORS AND AWARDS

Silver of BUPT ACM Algorithm Programming Contest	2011/3
Second Prize of National Freescale Smart Car Competition	2011/8
First Prize of National Undergraduate Electronic Design Contest	2011/9
Three year's National Motivational Scholarships	2010,2011,2012

INTERESTS

Swimming, Playing Badminton, Playing Billiards, Reading IT news, Coding, English