

Bingliang Huang

BASIC INFO

Mobile 17611258516

Age 30

Email huangbingliang@yeah.net

Sex Male

EDUCATION

2012-2015 **CS Master**, *Beijing University of Posts and Telecommunications.*

2008-2012 **CS Bachelor**, *Beijing University of Posts and Telecommunications.*

Language **Fluent oral and written English**, *GRE 323.*

SKILLS

Languages Familiar with Python, PHP, Java, C/C++

Coding Skilled at data structure, algorithm and object oriented coding

Architecture Rich experience with developing high concurrency, high availability distributed system

WORKING EXPERIENCE

2018-Now **SDE**, *Amazon China.*

- Management
- Act as scrum master to host sprint grooming, planning and retrospective
 - Responsible for team's operation excellence including tickets, IMR, pipelines, CPU utilization and so on
- Engineering
- Design and implement Pre-Search Suggestion Service to show recommended keywords before searching
 - Train defect aware ranking model (based on gbdtd) for CN/ES to reduce defect at top K
 - Launch Suggested Search widget in search page to refine customer's search query and guide to new search, which proves to be a big win
 - Redesign and develop a new routing service to replace URL Interception and Deeplinking module in iOS

2014-2017 **Co-Funder**, *Beijing ZhiJianHuDong Network Technology Co., Ltd.*

CityPet is a LBS based mobile game which wins App Store free list top 1 on July 2016. Total registered user: 10+ million. Highest DAU: 1 million.

- Development
- Create self-owned game engine based on PHP; Design a high scalability and high performance game server architecture using LB, cluster, cache and combination usage of Redis, LevelDB, MySQL and Mongo
 - Develop more than 15 game modules including login, pets, equipments, skills, chat, push notification, etc
 - Apply security strategies to secure game server including network encryption, database access control, token authentication and so on
 - Implement network framework, resource management framework and Lua UI framework for client development.
- Operation
- Build monitoring, alarm system and game dashboard to facilitate operation
 - Use docker and deployment scripts to fast deploy game server to 300+ machines;
 - Resolve issues: 502 responses in high-concurrency situations, request replay attacks, abnormal disconnect of redis connections, game accelerator, mongo attack and so on.

2013-2014.3 **SDE Intern**, *Amazon China*.

- Implement new functions and data visualization for reporting system.
- Extract and analyze report data and provide them with RESTful API.

2011-2012.3 **SDE Intern**, *Baidu Page Search Department*.

- Participate in web page classification algorithm research project and improve classification accuracy by 5 percent
- Accomplish web page weighting assistant system using PHP, half the time cost to weight web page

HONORS

- Outstanding Graduates of BUPT
- Silver Medal of BUPT ACM Algorithm Programming Contest
- First Prize of National Undergraduate Electronic Design Contest
- National Motivational Scholarships for 3 years

INTERESTS

- | | |
|--------------|-----------|
| ○ swimming | ○ running |
| ○ investment | ○ reading |