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| Xia Yangyang | |  |
| Male | 1986-06-12 | |  |
| University | Northeastern University At Qinhuangdao |
| Profession | Computer Science and Technology |
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| Github | <https://github.com/xiayy860612> |
| Motto | 行至水穷处, 坐看云起时 |
| Expirence | 7 years |
| Language | CET-4 Good speaking, writing and reading. |

### Job Intention

In the next 3 years, I will go to familiar with the product progress   
of high concurrency server architecture and master one area.

* Back-end Development, prefer company using microservices.
* Expected Salary 13K - 15k

### Professional Skills

* General
  + Good at decoupling architecture, business, and modules,   
    and I can evaluate the benefits and risks of solutions
  + Experience in concurrency process,   
    analyze and handle issue of concurrency
  + Familiar with work flow of software development,   
    familiar with scrum, kanban and so on.
  + Good at analyzing and finding out issues, provide a quick solutions.
  + Know microservices and visualization, used docker before.
* Programming Language
  + Familiar with C++/C#/Python2.7/Java
  + Master in OO, use Design Patterns in correct way
  + Familiar with Generic Programming
  + Not Good at Algorithm
* Storage
  + Familiar with MySQL, SQLServer
  + Familiar with sql and improvement of sql statement.
  + Familiar with NoSQL Database,   
    used Memcached, Redis, MongoDB, Cassandra.
* CI/CD
  + Familiar with Jenkins, use it to configure job for automatic test, building, deployment.
  + Familiar with automatic unit test and integration test.
* Cloud
  + Used amazon EC2, S3.
  + Used ali cloud, such as ECS, OSS, RDS
* Tools
  + Familiar with version control system, such as git, svn
  + Familiar with UML, use UML to design.
  + Familiar with regex

### Work Experience

* Chengdu Shu Gong, 2017.12 - 2018.2, part time, Technical Direct
  + ChengDu Employee APP, using microservices framework because different teams using different technology stack.  
    Main technology is spring boot.
    - Take charge of communication between different teams for requirements and APIs integration.
    - Manage work flow, requirement analysis, task break down and arrangement.
    - Provide backend structure solution
    - Provide some solutions to assist developers to work out difficult.
    - Quick fix accidents after release to public
    - Assist operators to automatic building and deployment.
* Virtuos Chengdu Ltd, 2014.03 - 2017.11, Full time, Senior Backend Programmer
  + FairyMaster, Cards Game, implement backend by django
    - Integrate netease account system, support netease mail account to login.
    - Integrate IAP(In-Application Purchase) developed by netease, it supports many kinds of payments for different platform.
  + Http game server framework, implement server framework based on gevent and greenlet by python
    - Take charge of framework implement, integrate modules as component in framework.
    - Refer to django, follow contract to generate code and related component.
    - Implement request dispatcher, dispatch request to related RequestHandler
    - Implement Exception handler, wrapper operation with storage, such as memchache.
    - Design and Implement functional modules
  + FangsEmpire, Tower Defense Game, implement with own http game server framework.
    - Team Management
    - Assist juniors to pick out solutions, break down tasks   
      and work out issues.
    - Improve upgrade system in front-end, upgrade resources in concurrency.
    - Implement file server, support local storage and amazon s3 storage, one key switch by configuration
    - Set up jobs for automatic building, deployment in jenkins.
  + Dobble, Puzzle Game, release in Europe,   
    use Typescript to generate Javascript and deploy in PlayFab,   
    using storage and services in PlayFab.
    - Take charge of automatic building and deployment.
  + switch port game, port a part of functionality from P2P to C/S.
    - Team Management
    - Analyze original low layer network design
    - Study SDK usage of switch and use them to port low layer network.
* Beyondsoft(Shanghai) Corporation, 2011.10 - 2013.12, Full time, Software Engineer
  + Microsoft Store CRM automatic test, simulate user operations with Store CRM by automatic test framework.
    - Implement automatic test framework by C#,   
      capture DOM of web and operate them.
    - Write unit test document and unit test cases.
    - Implement automatic test tools by C#,   
      used to automatic configure, monitor and manage running unit tests.
  + Microsoft VS2012 compiler automatic test, check result generated by compiler correct by automatic test.
* Analyze result generated by compiler
* Check result correct by unit test cases implemented by perl and regex.
* Provide trainings for team members.
* Beijing PIXEL SOFT Inc, 2010.10 - 2011.8, Full time, Logic Programmer
  + F project, MMORPG, incubation Project develop by own customized engine
* Implement logic of Team System in client and server by C++
* Beijing JoyChina Company, 2009.11 - 2010.09, Full time, Client Programmer
  + Tennis Baby, SPT(sports game), develop by own customized engine
* Use C++ as script for game UI
* Implement game loader of Tennis Baby and Hunter Blade
* Implement Family system, task system

### Other Experience

* Start from 2017, set up offline activity for knowledge sharing, according to activity get more knowledge from others, also share mine.
* Start from 2017 study microservices framework, during free time refactor FangsEmpire by ServiceStack and using Consul as Service Discovery.

### Personal Introduction

Advantage:

* I love technology and I want to be a programmer for the whole life.  
  According to technology I can get more, not only technology.  
  I hope I can make many good products.
* I like sharing, because I can get more by communicate with others.
* Responsibility, as I work out my duty, also will take more to help others.
* Patient, assist others to work out difficult.
* I love reading and study news, I can take a new thing quickly   
  and evaluate risks.

Disadvantage:

* Not suitable for management
* Not good memory, For used technology not reached master level and after a long time gone, I will forget lots of details.