

# HU ZIMING

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## SUMMARY

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Web service developer at FavoriteMedium. Prime focusing on high performance web services design and development, and have experience on frontend technologies such as jQuery and AngularJS. Have experience on architecting and implementing E-Commerce website.

Formerly HPC scheduler software LoadLeveler developer at IBM, have 4 years experience on Linux development. Was focusing on task assignment and Linux network related areas.

Having been using and maintaining Linux system for more than 10 years; Development with C/C++, Ruby, Python, Golang, MongoDB, Redis, and skillful in Unix utilities such as sed. Have experience on building high scalability web services with MongoDB, Redis and Docker.

## PATENT

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Published patent ***SCHEDULING JOBS IN A CLUSTER*** while working at IBM, publication number is **US 2010/0223618 A1**

## CURRENT OCCUPATION

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### **Favorite Medium**

April 2012 - Present

#### *Senior Software Engineer*

- Specialized in Ruby on Rails backend development work.
- Build high performance tools with appropriate language and technologies (Ruby, Python, Golang, Shell).
- Basic frontend development, focusing on Javascript (jQuery, Angularjs).
- Setup deployment automation with Capistrano
- Setup production environment on Heroku, Amazon EC2.
- Integration with external web services, such as Google, Facebook, Twitter, Sinaweibo.

## PAST PROJECTS AND EXPERIENCE

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### **Starcourt**

Feb 2013 - Present

<http://www.starcourt.com/>

- Architect and leader developer.
- Design and implement CMS with **Ruby on Rails** for account info management.
- Replace third part calculation and query service with **Python** scripts and **ElasticSearch**.
- Design **MongoDB** schemas and indexes to optimize data fetching.
- Refactor web crawlers from Ruby to **Golang** to improve performance and reduce EC2 instance resource used.
- Introduce **Redis** for long cycle tasks, such as data statistics.

### **Appcara**

July 2012 - April 2013

<http://www.starcourt.com/>

- Implement interfaces with different cloud providers, such as Amazon EC2, Rackspace, CloudStack, VMware vCloud and so on.
- Build cloud instance management page with **jQuery**.

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- Help on functions for migrating data between different cloud service providers.
  - Help on building app package for various cloud service providers.

**Wenpod Distribution Platform**

<http://shop.wenpod.com/stores/855435/>

August 2014 - Sep 2014

*Part-time*

- TBD

**Five Cooking E-Commerce Site**

<http://www.5vcooking.com/>

March 2013 - Sep 2013

- TBD