Cai You

Front End Engineer

Make everyday count

Education

2011–2014 **Computer Technology**, *Master*, Institute of Network Technology, Beijing University of Posts and Telecommunications.

2007–2011 **Computer Science and Technology**, *Bachelor*, School of Computer, Beijing University of Posts and Telecommunications.

Master thesis

Title *OPTIMIZATION OF INFORMATION COLLECTION SYSTEM FOR DYNAMIC WEB PAGES*

Supervisors Liao Jianxin

Description Designed a Web crawler for dynamic web page which is rich of Ajax, and the main method is using JavaScript analysis

Skills

Front End HTML5, CSS3, JavaScript, jQuery, JSON, Bootstrap, Backbone.js, Angular.js

Back End Know the basic of php well, skilled at fleaPHP MVC Framework

Algorithm Familiar with data structures such as Array, Linked list, Queue, Stack, Hash and Set; Familiar with Algorithms such as Binary Tree, Diagram, Sort, Dynamic Programming, Greedy Algorithm etc.

Database Basic manipulation of SQL, mySql and phpMyAdmin

OS Basic commands of Linux, used to develop in Linux

Server Basic configurations of Nginx and php-fpm

Develop phpStorm, secureCRT, FileZilla, VI, Sublime text, Git, SVN

Others Photoshop, MS office, LATEX, Adobe Audition

Working Experience

2011–now **Front End Engineer**, *EBUPT Information Technology CO., LTD.*, Beijing.
Develop Web applications using HTML, CSS, javaScript and PHP.

- Commercial WiFi "Yue-BOX":
  - Introduction: Yue-BOX is a project combining hardware and software. Our product is a intelligent box(router) aiming at industry users. The hardware part is our independently developed router, and the software part has functions such as account system, device management, site templates, site building, site push and message upload.
  - My work:
    · In charge of the development of account system, site templates and site building etc., implementing with Bootstrap, HTML+CSS, PHP and mySql.
    · In charge of the development of APP engines which is running in box-end. Product aspect: customized applications development(news, menus, sign in, draw etc.) for different use(hotel, airport, restaurant); Technology aspect: do some responsive design and mobile first design for different devices.
    · In charge of software upgrade and cutover. Using Gitlab for version control, grey release on multi-platform; Using secureCRT for ssh connection and command execution; Using Schema Sync in Linux to generate database patch and revert SQLs;
- HTML5 game "GuanDan":
  - Introduction: ä¡£çŤÍHTML5ãĂĄBackbone.jscżŞåŘĹNginxæűĹæĄŕæŐÍéĂĄæÍąåIŮpushstreamåőđçŐřçŽĐådŽ
  - My work:
    · ä¡£çŤÍhtml+cssçŽĐæŰźåijŘè£ŽèąŃçğžåŁĺçńŕäijŸåĔĹçŽĐåŞŊåžŤåijŘèő¿èőą;
    · ä¡£çŤÍBackbone.jsè£ŽèąŃåĹŊçńŕjavaScriptäÿŽåŁąęţĄçÍŃçŽĐèő¿èőą;
    · ä¡£çŤÍUnderscore.jsè£ŽèąŃæÿÿæĹŘèğĐåĹŹçŽĐçŐæęŢåőđçŐř;
    · ä¡£çŤÍpushstrem.jscżŞåŘĹNginxéĚŊç¡őåőđçŐřLong pollingãĂĄWebsocketçŋĹådŽçğŊhtmlæűĹæĄŕæŐÍéĂĄïijŃæĺąæŃ§åđŽåžžåIJĺcz£æÿÿæĹŕäÿŋçŽĐåőđæŰűéĂŽä£ą;
- Dish ordering System "HanDou":
  - Introduction: ä¡£çŤÍBootstrap 3ãĂĄjQueryãĂĄAngular.jsåőđçŐřçŽĐçŤÍæĹůèĞłåŁĺçĆźédŘçşżçż§ãĂĆåőđçŐřäžĘæIJŊåŁąåŽĺçńŕçŽĐèŘIJåŞĄæŢřæŊőą¡ŢåĚĕåŠŃç
  - My work:
    · åŕźBootstrap 3è£ŽèąŃéąţélĆæåůåijŘåŠŃåŞŊåžžŤåijŘæŰŋçĆźçŽĐåőŽåĹűïijŃą¿ŮåĹřéĂĆåŘĹçğžåŁĺçńŕèő¿åŕ
    · çijŰåĘŹAngular.jséąţélĆæĺąæĹ£;
    · çŤÍAngular.jsåőđçŐřäžĘäÿĂéĆîåĹĘĺåĹŊçńŕäÿŽåŁąéĂżè¿Ś;
    · éĚŊåŘĹåőŃæĹŘäžĘjavaScriptæĂğèČ¡èŕČäijŸ;
- Hybrid APP "ZhaoWaiMai"ïijŽ
  - Introduction: ä¡£çŤÍHTML5ãĂĄZepto.jsãĂĄBackbone.jscżŞåŘĹPhoneGap åijĂåŔśçŽĐæůůåŘĹåđŃAPPãĂĆèČ¡åđ§æăźæŊőGPSåőŽä¡ŊïijŃèŐůåŔűéŽĐè£ŚédŘéęĘä£ąæĄŕãĂĄèŘIJåŊŢ
  - My work:
    · ä¡£çŤÍHTML+CSSè£ŽèąŃélŹæĂĄéąţélĆçŽĐåőđçŐř;
    · èő¿èőąçŤÍæĹůäžđäžŠæţĄçÍŃïijŃåźűçŤÍBackbone.jsè£ŽèąŃåőđçŐř;
    · ä¡£çŤÍAjaxèŕČçŤÍåŐçńŕæŘŘä¿ŽçŽĐRESTfulæŐèåŘčïijŃè£ŽèąŃæŢřæŊőçŽĐCRUDæŞŊä¡IJ;

Languages

English **CET-6** *Have a good ability of listening, speaking, reading and writing. I am able to use English for daily communications, technology documents reading and general writing.*

Interests

Rock N' Roll I've been played Guitar for 11 years, and I'm now on vocal and guitar of a heavy metal band. We have around 10 pieces of work and I'm also in charge of the lyrics composition.