**HAO FANG**

21A Surray Street

Epping NSW 2121

Mob: (+61)0449899548

[haofang03@gmail.com](mailto:haofang03@gmail.com)or 394887309@qq.com

GitHub: github.com/vokvag

**Career Profile**

* Seeking for a position for developing a web and server-based application or a big-data related application
* Well understanding and experience in MVC structure, Object Oriented Programming in Java and Python
* Excellent at troubleshooting and finding strategies to provide solutions or improve performance

**Relevant Working Experience**

*IT (full-stack web developer, Support) 04 August 2017 - till now*

*Bonfect Snack Food Service Sydney*

* Design homepage dynamic modules in JavaScript and PHP
* Debug and Modify the algorithms, then Largely enhance the accuracy of search modules up to 30%
* Use Restful APIs for Web Service
* Refine the workflow to meet the demands of our business models.

**Additional Working Experience**

*Intern (Electronic Engineer) Dec 2015 – Feb 2016*

*GE (China) Research and Development Center Co,. Ltd Shanghai*

* Conferences with electronic and telecommunication Engineers to discuss the structure and technical details for a special telecommunication system
* Designed the firmware on the platform TI OMAP-137 in C language
* Build the communication between the ADC/DAC and the Digital Signal Processor (DSP core) via EMIF interface
* Embedded Linux System in the ARM core on OMAP-137 to control the DSP core

**Relevant Projects**

*Bonfect Main Website (*[*www.bonfect.com.au*](http://www.bonfect.com.au/)*)*

*Official E-commerce platform of Bonfect wholesaler supply USA and UK imported confectionery, snacks, drinks and groceries to shops in all provinces of Australia.*

* Homepage Design, including image pattern design, style sheets, dynamic modules
* Debug and refine codes efficiency in “Controllers” and “Models” of the website like optimization of Category Search Modules.
* Manipulate MariaDB for maintenance, testing and data transfer.
* Validate customer ABN number via Restful API provided by government organization.

*Digital Bibliography Library website*

* A web application course JSP project which is formatted in MVC structure, connected with Mysql database, associated with Search, Buy, Sell book functions and administrator back-stage management interface.

***Side Projects***

*Personal VPN server, AWS host, Openvpn protocol*

**Education**

*Master of Information Technology (CSE) Mar 2015 – Jan 2017*

*University of New South Wales Sydney*

* Specialization in Internetworking
* High Distinctions in Principles of Programming and Advanced Topics in Software Verification
* Project experience with Relational Database and Java (JSP).

*Bachelor of Information Engineering Sep 2010 – July 2014*

*East China University of Science and Technology Shanghai*

* Major in Telecommunication
* Certificated in FPGA Embedded Application Programming
* Awarded the Third Prize in National Undergraduate Electronics Design Contest (Shanghai Division)

**Extra Relevant Education**

*Certificated in Deep Learning Specialization provided by Online Course Organization Coursera.*

* Convolutional Neural Network and Recurrent Neural Network in Python and TensorFlow

*Amazon Web Service Big Data Graduate Program (One-day training, three-days learning then challenging)*

* EC2 Instance and Dynamodb in AWS

**Referee**

Erick Delgado Jianlin Li

System Administrator Senior Electronic Engineer

Bonfect Snack Food Service GE (China) Research and Development Center Co., Ltd

Contact Details Available On Request