

Aibo Li

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● PERSONAL INFORMATION

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● EDUCATION

University of Southern California | LA, CA

Aug.2015-----May.2017

Major: Electrical Engineering (Computer Engineering) MS 3.21

Donghua University | Shanghai, China

Sep.2011-----May.2015

Major: Electrical Engineering & Automatization BA 3.2

● EXPERIENCE

91bnb Travel, Inc. | El Monte, CA Software Engineer, Intern | www.91bnb.com

Aug.2016-----Dec.2016

- Developed a management system to store housing information and search housing information according to customers' requirements based on *HTML5*, *PHP*, *Jquery*, and *MySQL*;
- Developed an analyzer tool which can analyze and represent the house information from database by using *Datatable*, *CanvasJs*, *PHPExcel* and using *Google Maps API* to represent houses location in the map;
- Implemented an interface to assist non-IT coworkers to dump large amount of data from Excel to database;
- Using *Google Maps API* to assist inputting house address and correcting illegal inputs to right formats.

Westside German Shepherd Rescue | Los Angeles, CA Web Developer

Jun.2016-----Aug.2016

- Developed the well-designed webpages with functions of representing dog information, online donation and application by using *Jquery*, *Reactjs*, and *Bootstrap*.

● SKILLS

Programming Languages: Java, Python, Javascript, C/C++, HTML5, CSS and PHP;

Frameworks / Databases: Jquery, ReactJs, NodeJs, and Bootstrap / MySQL and MongoDB;

Tools: GIT, AWS, OpenCV, Eclipse, and Android Studio.

● PROJECTS

Dota2 User's Game Summary App (NodeJs, ReactJs, Heroku)

May.2017-----June.2017

- Developed a web app which is hosted on *Heroku* by Using *NodeJs* as back-end scripts to trace the dota2 games histories by using *Steam API*;
- Using *ReactJs* to render the front-page and displaying the chart information by using *Chartist.Js*.

Video Advertisements Detector Based On Logo (Java, OpenCV)

Nov.2016-----Dec.2016

- Developed a media player can synchronize video source with audio source;
- Developed an algorithm to detect and separate advertisement part from the normal video part;
- Using *OpenCV SIFT* to detect the logo in each frame in the video and match them to the specific advertisement videos. Replacing the origin advertisements with the new ones.

Admission Office System Socket Programming (C/C++)

Jun.2016-----Aug.2016

- Simulated a system where client (students/department) and server (admission office) can communicate based on *TCP/IP*. The admission office can collect the department requirements and the application information of students;
- Implemented a server can handle multiple clients at the same time, receiving and analyzing the application information from clients;
- Using *UDP* to deliver all the admission results to clients from the server.

Stock Market Search Responsive Web App Design (HTML, Jquery, AWS, Java)

Apr.2016-----Apr.2016

- Develop a mobile responsive web page using a combination of *HTML5*, *Bootstrap*, *Jquery*, *CSS*, and *PHP*. Using *AWS* to handle the back-end *PHP* script and the related Android App by using Android Studio.
- Implemented the Ajax call to get and parse the JSON stock information from *MarkitonDemand*;
- Implemented an interface to create the Stock Chart using the *API of Yahoo Charts* and *HighCharts*;
- Implemented an interface to obtain the related news information of the stock using *Bing News API*. Using *Facebook SDK* to post the stock information on Facebook.