

BERNARD XIE

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Address: 2813 Ellendale Pl. Apt E, Los Angeles, CA 90007

Education

University of Southern California | Viterbi School of Engineering

August 2012 – Present

Major: Bachelor of Science (B.S) in Computer Science | **GPA:** 3.42 | **Expected Graduation:** May, 2016

Skills/Awards

Languages: Java, C/C++, HTML5/CSS, JavaScript, JQuery, Python, PHP

Proficient in: Git, G++(GCC)/GDB, Linux OS, Adobe Photoshop/Illustrator, iMovie/Final Cut Pro, Bootstrap

Understanding of: Scrum, Mobile Dev, Node.JS, Express.JS, MongoDB, Assembly, mySQL, Qt, Objective-C, Metasploit

Fluent in English and Mandarin Chinese

Fall '14: Viterbi School of Engineering **Dean's List**

Relevant Work Experience

Expedia, Inc.

Incoming Software Engineering Intern: June 2015 – August 2015

Summer Internship on the Expedia Worldwide Engineering (EWE) Team.

USC Viterbi School of Engineering

CSCI 103 Course Producer: Jan 2015 – Present

Undergraduate TA for Introduction to Programming in C++. Holds office hours twice a week to help students with their programming needs. Checks off student's assignments in lab and grades students' programming assignments.

Alcatel-Lucent Shanghai Bell

Mobile Development Intern: May 2014 – Aug 2014

Developed two separate android apps (**Java/XML**) within a team of 7: 1. A security app designed for parking lot security guards to track cars and security cameras. 2. An app to control one's home appliances through their phone such as locks and lights.

WeLand International Corporation

Teaching Assistant/Intern: June 2012 – Jul 2012 | Dec 2012 – Jan 2013

Hosted summer and winter programs to over 200 students in 7 different cities across China to promote international relations, research, government, and economics through lectures, Model United Nations, and case competitions.

Affiliations/Interests

USC Code the Change (CTC)

Co-Founder: November 2014 – Present

Cofounded chapter at USC. In charge of recruiting, outreach, managing internal operations and communication with clients. Also part of a team doing technical development for non-profits.

HackSC

Core Team/Marketing Co-Director: April 2014 – Present

Duties include managing the HackSC 2015 website, assisting in the designing the event logo, stickers, flyers, and other marketing merchandise to attract participants, particularly first time hackers. Staffed the event, taking care of any logistical issues for 600+ hackers and providing them with the best experience.

Model United Nations of Southern California (MUNSC)

August 2012 – May 2014

Participated in two intercollegiate MUN conferences: UPMUNC 2012 representing Qatar in the SPECPOL Committee, and MUN@SC 2013 representing Varys in the Game of Thrones Committee (**Won Outstanding Delegate**). Co-Chaired a crisis committee at SCMUN 2014 - District 9 Committee. Director - JCC Russian Civil War at TrojanMUN 2015.

Projects

USC Code the Change Website at <http://www.ctc-usc.org>

January 2015 - Present

Ongoing project for our organization CTC. Implemented technologies include **HTML/CSS, JS, Node.JS, Express.JS, Jade**, with a database supported by **MongoDB**. Personally participated in front-end development of the website using the above technologies.

CSCI 201 Final Project

November 2014 – December 2014

Designed and implemented a 4-person multiplayer side scrolling game including a chat service between players using **Java**. Specifically in charge of writing networking code between different windows for both the game and the chat service.

CSCI 104 Final Project WebCrawler/Search Engine

March 2014 – May 2014

Parsed text based files for links in **C++** and implemented PageRank algorithm to display sorted text files using a Qt based GUI.