

BERNARD XIE

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Education

University of Southern California | Viterbi School of Engineering August 2012 – Present
Major: Bachelor of Science (B.S) in Computer Science | **GPA:** 3.47 **Major GPA:** 3.77 | **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, Spring '15: 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 **SCI 103 Course Producer:** January 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 – August 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 – January 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

College Knowledge Los Angeles at http://www.collegeknowledgela.org March 2015 - Present
Ongoing project for our organization CTC for non-profit CKLA. Implemented technologies include **HTML/CSS, JS, Node.JS, ElasticSearch**, with a database supported by **MongoDB**. Personally participated in front-end and back-end development of the webapp 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.