

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, Less, JavaScript, JQuery, Python, Backbone.js, PHP

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

Understanding of: Scrum, Spring, Node.JS, MongoDB, Assembly, MySQL, Qt, Objective-C, Metasploit, Socket.io, Splunk

Fluent in English and Mandarin Chinese

Fall '14, Spring '15: Viterbi School of Engineering **Dean's List**

Relevant Work Experience

Expedia, Inc.

Software Engineering Intern: June 2015 – August 2015

12 week summer internship program where I interned on the Expedia Worldwide Engineering (EWE): EPC Portal team.

- Designed and implemented real-time newsfeed cards for the Expedia PartnerCentral (EPC) Newsfeed
- Bundled and minified static files and automated the build process to streamline the minification/bundle process of static files and improve page performance for EPC
- Wrote thorough unit tests for various modules for the EPC Landing Page

USC Viterbi School of Engineering

CSCI 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.

Affiliations/Interests

USC Code the Change (CTC)

Co-Founder / President / Developer: November 2014 – Present

Cofounded chapter at USC, information can be found at <http://www.ctc-usc.org>

- In charge of overseeing recruitment, outreach, managing internal operations and communication with clients.
- Also part of a team doing technical development for non-profits, with projects implemented mentioned below

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, Google Maps API** with a database supported by **MongoDB**. Personally participated in front-end and back-end development of the webapp using the above technologies.

Another Day Another Scholar

March 2015 – May 2014

Project developed for CSCI 310. A word cloud generator for scholarly articles with various functions. Developed in **PHP, HTML/CSS**, and **Javascript**, using the **IEEE API**.

CSCI 104 Web Crawler

March 2014 – May 2014

Developed for CSCI 104 Data Structures/OOP Design Class. Application parsed text based files for links in **C++** and implemented the **PageRank algorithm** to display sorted text files using a **Qt** based GUI.