

Bradley Zhu

Third-year Student Attending **University of California - Los Angeles**
Computer Science and Engineering B.S.
Current Gpa: 3.64/4.00, Dean's Honor List Winter 2016

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EXPERIENCE

Programmer at UCLA External Affairs, LA— Part-time

October 2017 - present

Developed ASP.NET and Wordpress based websites using JQuery, CSS, HTML, and C#.

Software Developer at Datang NXP, Shanghai— Intern

July 2017 - September 2017

Used Labview in order to design and develop an application to read and display signals including temperature, voltage, and impedance given by their product, a Battery Management System aimed at automobiles.

Software Developer at TechExcel, Lafayette— Intern

June 2016 - August 2016

Collaborated with a team of four to use C++ inside of the Qt development framework to create a cross-platform version of IdeaSync: an application for users to easily and quickly create and present slideshows. I experienced industrial level team cooperation, code review process, and version control system.

TA for AP Computer Science at Campolindo High School, Moraga— Tutor + Teacher's Assistant

August 2014 - June 2015

I helped the teacher teach the basics of Java, answered questions, and debugged the students' Java code.

PROJECTS

Campus Cow

(<https://github.com/bzhuka/CampusCow>)

My team of three used Java in Android Studios to create the client and Python with the Flask microframework to create the server for a mobile Android game. This game used GPS, and 4G in order for the users to interact with each other based on location in real time.

Easy Screenshots

(<https://github.com/bzhuka/Screenshots>)

I used C++ with the Qt development framework to create a cross-platform application that can easily take, do basic modifications, and upload screenshots.

LightBookMark

(<https://github.com/bzhuka/LightBookMark>)

I created a Chrome extension that will track the user's progress on popular light novels and notify them when there are new updates.

Teradata Hackathon

(<https://github.com/bzhuka/TeraML>)

My team won third place for creating a tool that can visualize and compress, and analyze data using machine learning in Python.

LANGUAGES

Proficient: C++, Java, Python, HTML, CSS, Javascript, MySQL

Comfortable: C, PHP, OCaml, Git, Verilog, Labview

SKILLS

Experience using C++ in Qt, Visual Studios, and no IDE.

Experience using Java in Android Studio and Eclipse.

Experience using C with GCC.

Experience using HTML, CSS, Javascript, and PHP.

Intermediate Mandarin skills.

COURSEWORK

Completed: Introduction to C++, Software Construction Lab, Operating Systems, Networks (Physical Layer), Logic Design, Computer Architecture, Digital Design Lab

In Progress: Algorithms, Programming Languages, Databases

CLUBS

ACM - Part of the AI group

IEEE - Part of the C3 group

AWARDS/HONORS

Upsilon Pi Epsilon,
CA Beta Chapter - UCLA

National Honor Roll of Distinction - within the top 1% in the AMC (American Mathematics Competition) and qualified for AIME

Congressional Award Gold Medal I wrote a novel, ran daily, and did over 900 hours of community service.