

# Brandon Cen

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<https://github.com/bzcen>

(408) 888-1129

## OBJECTIVE

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Internship at a technical company involving work in software development

## EDUCATION

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### University of Southern California, Viterbi School of Engineering

Class of 2018

- BS in Computer Science, Minor in Applied Computer Security
- GPA: 3.91

Saratoga High School – Saratoga, CA

Class of 2014

## SKILLS

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- C++, Java
- JavaScript, Python
- HTML/CSS Bootstrap
- MySQL
- Unity2D (C# scripts)
- AngularJS Web Development
- Android SDK Development
- Data Structures and Object Oriented Design
- Discrete Methods and Algorithms

## WORK EXPERIENCE

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### Google, Software Engineering Intern – Mountain View, CA

Summer 2016

- Improved user experience for an internal web-based issuetracker
- Designed full stack modifications for increasing bug management flexibility
- Minimized the number of RPCs for several functions to tighten performance

### GetEdu.net, Web Developer Intern – Palo Alto, CA

Summer 2015

- Stored student, class, and teacher info in PostgreSQL database
- Structured Ruby on Rails asset pipeline for storing all strings, images, scripts
- Designed frontend pages with Bootstrap frameworks at [www.getedu.net](http://www.getedu.net)

## PROJECTS

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### Echo Chef – Winner of Best Data Visualization, TreeHacks 2016

2016

- Web application using Amazon Echo for personal chef assistance
- Implemented Node.js link between Amazon Alexa API and DynamoDB storage
- Created real-time visualization of back-end cooking data with 3.js and d3.js
- <http://devpost.com/software/treehacks2016>

### My(o) CookBook – Winner of Best Myo Hack, LA Hacks 2015

2015

- Web application synced with Myo Gesture Control Armband to track cooking actions
- Designed a JavaScript library of mapped motions
- Linked the Myo function scripts to a site designed with Bootstrap
- <http://devpost.com/software/myo-cookbook>

## ACTIVITIES AND LEADERSHIP

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### USC Association for Computing Machinery – Corporate Affairs Officer

2014 – 2016

- Facilitated on-campus company recruiting and tech workshops

### USC Data Structures & OOP Course Producer – Paid

2015 – 2016

## AWARDS AND HONORS :

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- USC Presidential Trojan Scholar (Half-Tuition)
- USC WVT Rusch Engineering Honors Member