

# Jeff Zheng

## Personal Website:

jeffzheng.me

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954-670-3862

## Education

### University of California, Berkeley (Class of 2016)

#### B.A. in Computer Science & Minor in Statistics

Relevant Coursework: CS61A (Python), CS61B (Java/Data Structures), CS61C (C/MIPS/Machine Architecture), CS70 (Discrete Math & Probability), CS164 (Compilers & Programming Languages), CS188 (Artificial Intelligence), CS170 (Algorithms), CS162 (Operating Systems)

## Experience

### Undergraduate Computer Science Researcher (September 2014 - Present)

Member of the Bribecaster research group sponsored by the CS & Public Policy Department. I coordinated a research project with Professor Jennifer Bussell of Berkeley's Public Policy Department to create a dashboard interface that tracked government corruption in India.

### Lab Assistant for CS61BL (June 2014 - August 2014)

Provided course instruction, assisted students, and graded assignments during labs in Berkeley's data structures class.

### Cofounder of California Records (May 2013 - Present)

Founded an independent record label with two other Berkeley students. I managed bookings and production sessions. Our Youtube channel (<https://www.youtube.com/c/CaliforniaRecords>) has recorded 250,000 views and 1,700 subscribers.

## Skills

**Proficient in:** Python, Django, HTML, CSS, Javascript, jQuery, Java, Android

**Experience in:** C, C#, Backbone, QUnit, MySQL

## Projects

More information available at <http://jeffzheng.me>

### Bribecaster (<http://github.com/jeffzheng1/Bribecaster>)

The dashboard in development for my CS research project. I created back-end models for storing citizen data and developed a dashboard interface using various data visualization packages. I created a communications network using Twilio to send robocalls and SMS messages to collect citizen information.

### SeedIt (<http://getseedit.com>)

An Android gardening application in development for the Citris Mobile App Challenge. Users receive customized recommendations based on location, time, and weather to optimize their harvest. I am leading the production of the application and am responsible for developing the backend models for the app's plant database and designing the app's user interface.

### Festiv (<http://festiv.me>)

Festiv is a web application I developed that uses SoundCloud's API to deliver EDM music to users without the hassle of searching through albums or playlists by using curated playlists and learning user preferences. I deployed the site using Django and MySQL.

### Algovision & the 164 Language (<http://github.com/jeffzheng1/algovision>)

Web application that I built to visualize the call stack of algorithms written in 164, an object oriented computer language my team created throughout the Fall 2014 semester for my programming language class. It uses the Wolfram API to analyze the approximate runtime of a function from the structure of the call stack and plots the runtime function on a graph.

### Beautiful Search Trees (<http://beautifulsearchtrees.herokuapp.com>)

Web application I developed to help students learn the insertion, deletion, and search methods of popular tree data structures through animation done in D3.