

# Bryce John Sampson

sampson.bryce@yahoo.com | 530-859-5330 | 605 West 6th Street Apt 1 Chico, CA 95926

PROJECTS: [github.com/sampsonbryce](https://github.com/sampsonbryce)

WEBSITE: [sampsonbryce.github.io](https://sampsonbryce.github.io)

## -EDUCATION-

CALIFORNIA STATE UNIVERSITY, CHICO

Major: Computer Science






Minor: Computer Animation and Game Development

Major GPA: 3.95

Cumulative GPA: 3.65

Class Standing Junior: Expected Graduation 2018

## -SKILLS-

Python   
JS/ES6   
C++   
HTML/CSS   
Java(Android Dev) 

## ACM CLUB | CSU, CHICO

Secretary: Participated in the organization of the club and teams for competitions. Competed in Fall 2015 ACM Regional Competition

## WEB DEVELOPMENT CLUB | CSU, CHICO

Member: Introduced to languages and technologies such as AngularJS, Foundation, Bootstrap, Git, and Electron.

## -SOFTWARE AND FRAMEWORKS-

React/Redux | Node.js | Express | Python | Flask | C++ | JS | HTML/CSS | Java | XML | Stormpath  
Git | Vim | Android | Linux | Windows | Mac OS

## -INTERNSHIP-

**SocialHighRise (August 2016 - Current):** Currently I am employed as a part-time intern for Social High Rise, a startup based in Chico that manages social media for restaurants. I develop, update, optimize, and manage their Wordpress site. Further into the internship I will be joining in collaboration with a [Koder.io](https://koder.io) development team to create an in-house development tool for account managers.

**Lawrence Livermore National Laboratory (Jan 2016 - August 2016):** Employed in a Co-op position, developing a Graphical User Interface for a large scale climate data visualization and analysis tool developed at the lab. The original project, CDATGUI, was in [Python and Pyside Qt](#), however, it was dropped from development in favor of a web app, vCDAT, implemented with [React/Redux](#), interfacing with a [Flask](#) API. See Github for source code.

## -Lab Hackathons-

ESGF Seach Client:  
Recreated ESGF Search client for accessing  
global climate data  
Team Size: 2

JavaScript Distributed Multi Processing:  
JavaScript library to distribute embarrassingly parallel  
problems over a large number of clients connected to a site  
Team Size: 6

## -PROJECTS-

**Datasift Sentiment Visualization:** Utilizing the Datasift Facebook Topic Data API trial, I created a visualization using D3 that reflected the sentiment of a particular state towards a topic in the entertainment industry.

Stack: [Node.js/Express](#), [React](#), [D3](#)

**SnapStyle Fashion Social Media App:** SnapStyle is a Social Media app developed to learn the full stack of Android Development. It emphasizes communication and suggestions for personal fashion. The back-end utilizes an [Amazon MySQL RDS](#) with a [Node.js](#) server on an [Amazon EC2](#) instance. The front-end app is written in [Java and XML](#), and incorporates the [Stormpath](#) authentication API for all user encryption and session handling.

Stack: [Java/XML](#) | [Stormpath\(Authentication\)](#) | [Node.js](#) | [MySQL](#)

**Competitions/Programming Problems:** Participate in ACM and Hackerrank challenges and competitions using [Python](#).