

Bryce John Sampson

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PROJECTS: github.com/sampsonbryce

WEBSITE: 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 TECHNOLOGY/FRAMEWORKS-

React/Redux | Node.js | Express | Python | Flask | C++ | JS | HTML/CSS | Java | XML | Stormpath
Git | Vim | Linux | Android | Windows | Mac OS
Learning: Angular2 | ASP.NET Core

-INTERNSHIP-

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-

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 a [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, Hackerrank, and CodingGame challenges and competitions using [Python](#).

-UPCOMING WORK-

Starting early August, will be working part-time for Social High Rise, a startup based in Chico. I will be working in collaboration with a [Koder](#) development team to create a SaaS application using [Angular2](#) and [ASP.NET Core](#). Additionally I will be in charge of updating and maintaining their [Wordpress](#) site.

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