Bryce John Sampson

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PROJECTS: github.com/sampsonbryce WEBSITE: sampsonbryce.github.io

-EDUCATION-

CALIFORNIA STATE UNIVERSITY, CHICO

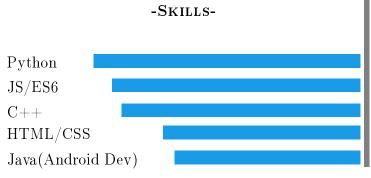
Major: Computer Science

Minor: Computer Animation and Game Development

Cumulative GPA: 3.65

Major GPA: 3.95

Class Standing Junior: Expected Graduation 2018



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 embarrasingly 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 is 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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