Bryce John Sampson

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

-Education-

California State University, Chico — Expected Winter 2018

Major: Computer Science — **Major GPA:** 3.93
Minor: Computer Animation and Game Development — **Cumulative GPA:** 3.7
Relevant Coursework: Discrete Mathematics, Embedded Systems, Programming and Algorithms I, Programming and Algorithms II, Algorithms and Data Structures

-Skills-

- Python
- C++
- Java
- XML
- Node.js/JQuery
- HTML/CSS

-Technology-

Git | Vim | Linux | Android | Windows | Mac OS

ACM Club | CSU, Chico

Secretary: Participate in the organization of the club and teams for competitions. Design team shirts for all events.(Previously held Fall 2015)

Web Development Club | CSU, Chico

Member: Introduced to languages and technologies such as Angular JS, Foundation, Bootstrap, Git, and Electron. (Previously held Fall 2015)

2015 ACM Competition

Participated with a team at the Fall 2015 ACM competition held at Berkeley

-Internships-

Lawrence Livermore National Laboratory (Jan 2016 - Current): I am currently employed in a Co-op position, developing a Graphical User Interface(GUI) for a large scale visualization and analysis tool developed at the lab. The project is entirely in Python and Pyside QT, and will be used by organizations internationally to improve climate data interpretation, as well as assist in analyzing large quantities of climate data. All code for the project is open source and can be found on my github account.

-Projects-

SnapStyle Fashion Social Media App(Java/XML/Node.js): As a project to learn the full stack of Android app development, I am developing a Social Media app that emphasizes communication and suggestions for personal fashion. For the back end I am running an Amazon MySql RDS with a Node.js server on an Amazon EC2 instance. The front end app is written in Java and XML. I incorporated the Stormpath authentication API for all user encryption and session handling.

CalCalc App(Java/XML): Working with a partner, I helped develop an application for Android devices that allows the user to search foods using the USDA.gov National Nutrient Database. Additionally, a user can track the foods they eat and calculate their expected calorie intake in order to control their body weight.

Competitions/Programming Problems (Python): To solve all ACM problems, Hackerrank problems, CodingGame problems as well as participate in ACM, Hackerrank, and CodinGame competitions, I use Python.

-Work Experience-

Desk Attendant - CSU, Chico — August 2015 - December 2015
Provide high quality customer service

Custodial - CSU, Chico — Summer 2015
Worked and Communicated with a team
Performed under a strict time schedule

Created with LaTeX