Bryce John Sampson

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

-EDUCATION-

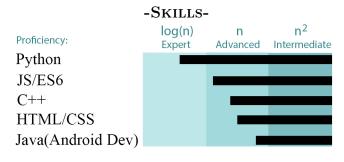
California State University, Chico

Major: Computer Science

Minor: Computer Animation and Game Development

Cumulative GPA: 3.77

Class Standing Junior: Expected Graduation 2018



Git | Vim | Linux | Windows | MacOS | Android

ACM CLUB | CSU, CHICO

Algorithms Officer

Current

Major GPA: 3.95

- Competed in Fall 2016 ACM Competition
- Research and present/teach algorithms at club meetings to be used during competition

FORMULA SAE ELECTRIC | CSU, CHICO

Member

Current

- Develop Formula SAE car to compete nationally
- Contribute to batteries and motor control team

-Internships-

SocialHighRise

Software Development Intern

HTML/CSS/JS | jQuery | ASP.NET MVC | C# | Razor | WordPress

August 2016 - Current

- Develop in-house account management tool for organizing and monitoring social media profiles
- Manage all company tech support and IT needs including company website development

Lawrence Livermore National Laboratory
Computation Intern

 $\mathbf{PySide} \ \mathbf{Qt} \ | \ \mathbf{Python} \ | \ \mathbf{HTML}/\mathbf{CSS}/\mathbf{JS} \ | \ \mathbf{jQuery} \ | \ \mathbf{React}/\mathbf{Redux}$

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.
- Developed GUI in both PySide Qt and from scratch in HTML/CSS/JS, jQuery, React/Redux, and Flask
- Organized and presented demos of project to our team and communicated development timeline
- Collaborated with scientists using alpha, beta and previous versions of GUI to improve user experience and implement new functionality

-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:

Node.js/Express | React | D3 | HTML/CSS/JS | jQuery

- Utilized Datasift Facebook Topic Data API trial to create visualization representing sentiment

SnapStyle Fashion Social Media App:

Java/XML | Node.js/Express | MySql | Stormpath

- Fashion Social Media app developed to learn Android full stack
- Goal was to emphasize communication and suggestion for personal fashion