Sriharsha Guduguntla

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Summary

Sophomore in Cupertino High School, aspiring software developer, and hacker with 2 years of application development experience. Passionate to innovate and solve real world problems using cutting-edge technologies to build modern distributed applications. Enjoys challenging tasks and participating in multiple high school and collegiate hackathons in the bay area. Hope to sharpen my skill set through an internship this summer.

Education

Current Sophomore, *Cupertino High School.*   **August 2014 – Present**
Class of 2018
GPA: 3.857/4.0

Middle School, *Lawson Middle School.*   **August 2011 – June 2014**
Class of 2014

Experience

MakeHacks, *Developer,* San Francisco, CA.   **November 2015**
   o   Won Daily Motion Social Good Hack and 5th place out of 45-50 teams; Built a cross-platform app (iOS and Web) called QuikBux for young adults to find small jobs and earn cash quickly; http://blog.dailymotion.com/en/dailymotion-partners-with-make-school-make-hacks/
   o   Incorporated Google Maps JavaScript API to graphically display people in need of work on a world map
   o   Developed backend components using a real time online database called Firebase which stored a data model that comprised user reviews, work requests, etc. in a tree structure; https://github.com/sguduguntla/quikbux.github.io

Los Altos Hacks, *Lead Developer,* Mountain View, CA   **January 2016**
   o   Placed in the top 5 teams out of 40 teams and helped build a cross-platform app (iOS and Web) called Mercari, a community to share ideas and solve problems in exchange for equity.
   o   Designed a responsive and single page dynamic web app using HTML5, CSS3, JQuery, and Bootstrap components; constructed an User Auth system using the JavaScript Parse API exchanging data in JSON format.
   o   Utilized Google Maps JavaScript API to pinpoint user's location and created a bidding system that enabled users to work with other people in exchange for equity; https://github.com/sguduguntla/Mercari-LAHacks

Easy Loop, *Chrome Extension Developer,* 500 users   **January 2016**
   o   Conceptualized the idea to develop a Chrome Extension to provide visibility to assess school grades.
   o   Used JavaScript Chrome Developer Tools to design, develop, and publish a Chrome extension that enables high school students using School Loop to calculate their grades before teachers enter them into the grade book.
   o   Programmed an algorithm to obtain all grades through CSS Selectors and XPath to calculate the final grade based on assignments that the student is able to add through the Bootstrap UI.
   o   Implemented AngularJS & Twitter Bootstrap components to create a user-friendly interface; Used Object oriented JavaScript to effectively organize and process the data; https://github.com/sguduguntla/Easy-Loop-Extension;http://tinyurl.com/easyloopextn

Evexia Posture Tracking, *Synopsys Science Fair,* San Jose, CA. **March 2016**
- o Utilized Arduino Microcontroller, Bluetooth Module, and Flex Sensor to build a hardware device that tracks human posture throughout the day and displays metrics and analytics on dynamic Web and Android apps.
- o Integrated auto-generated, personalized pdf report with dynamic HighChartsJS & MaterializeCSS graphs, tables, and analytics to report user's progress throughout the day; data analysis can be reported to doctor at the click of a button; user tracks his/her goals and receives desktop/push notifications using JavaScript Notifications API with real time suggestions

Organized and stored data in a real time online database called Firebase using JavaScript and Java APIs to extract, insert, and update data; *https://github.com/sguduguntla/Evexia-Posture-Monitoring; https://youtu.be/gchk8AzGgaQ; http://sriharshaguduguntla.com/evexia*

Programming Languages

Proficient with
- o Java (2 years)
- o JavaScript (2 years)
- o NodeJS (1 year)
- o HTML5 & CSS (2 years)
- o Bootstrap, MaterializeCSS, JQuery
- o High Chart JS

Familiar with
- o PHP & MySQL, MongoDB
- o Neo4j & Cypher
- o Swift
- o Spring
- o AngularJS
- o RESTful Services
- o AWS/Heroku