SUSHANTH AVVARU

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Github: **https://github.com/sushanthavvaru**

OBJECTIVE:

MS in CS Graduate student with technical expertise in web and mobile application development, seeking intern/full time opportunity.

EDUCATION:

- **MS, San Diego State University, CA**   **December, 2017**
- **BE, JSSATE, India**   **June, 2015**

Interested topics:

- Mobile Application development in both Android and iOS platform, Full Stack development, Database Management, Big Data, Bioinformatics, Machine Learning, Applied Computer Vision.

SKILLS:

- **Programming Languages:** Java, JavaScript, Swift 3, HTML, CSS, PHP, Python, C++, C#, Julia and C
- **Technologies:** jQuery, Angular JS, React JS, NodeJS, Bootstrap, iOS & Android Apps, Google play Services, firebase, REST API and AJAX, MySQL, PLSQL, Big Data, Hadoop
- **Tools:** XCode, Android Studio, GIT, Atom, INTELIJ, Eclipse, MATLAB,

WORK EXPERIENCE(1 Year):

- Web developer during my undergraduate and made websites for my college events.
- Working as Student Assistant in Student Disability Services (present Part Time).

PROJECTS:

Ecommerce Website

- Developed website for the buying chocolates. Data about chocolates are queried from the database using MYSQL.
- Used Perl, AJAX, JavaScript (jQuery) to keep the data validated and to change the page dynamically.

PlayNine: www.github.com/sushanthavvaru/React.js

- Developed a Web Application game using React JS and Bootstrap which deals with adding up numbers and winning a game.

RateMyProfessor:

- Developed an iOS application to rate professors of the university using REST API's and giving the feedback to the server

ClassMate: www.github.com/sushanthavvaru/iOSClassMate

- Developed an iOS application called classmate to record the audio lectures of the class using AVFoundation framework.
- Implemented recording and play back feature and store the files locally using NSUserDefaults and delegates. Helps disabled people in organizing lectures easily.

ChatApplication: www.github.com/sushanthavvaru/chatApplicationForTab

- Developed an Android application where users can chat with each other using Firebase and SQLite Database. Also used Google map services to display where the user is.

2048Game: www.github.com/sushanthavvaru/2048-android

- Developed famous 2048 game using android onDraw function, gesture listeners and media player.
- The user can play game without advertisements and can reset his high score.

SpeechTranscription

- Developed an iOS application which converts speech to text using the Speech and AVFoundation Framework.

Slidila

- Developed an iOS game using UI Framework. User knows a randomly generated value and is asked to select the value of the slider matching the random value generated and scores.