**Bharani Akella**

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**EDUCATION** June 2017

**Sri Chandrasekharendra Saraswati Viswa MahaVidyalaya CGPA-8.1(till 6th sem)**

**TECHNICAL SKILLS**  
Tools: Microsoft Word, Excel, PowerPoint, RStudio, Oracle VirtualBox,Android Studio  
Big Data Ecosystem: Pig, Hive, Sqoop, Flume, Hadoop, MapReduce

Languages: C,Java, R

**ACADEMIC PROJECTS**

**Android App for basic University details**

* A simple app giving information about the university; details pertaining to all the departments, faculty members and lab facilities.
* The UI is implemented through simple material design, supported in the back end through java.

**Android App for Cultural club**

* As co-ordinator of our cultural club, I decided to implement an app which would notify all the members of the club about the upcoming events.
* The app provides venue details and topic to be discussed upon for the upcoming session.

**Study of Predictive Modeling with R**

* On a census dataset, performed the entire KDD process-(Data ingestion, Data Cleaning, Data Manipulation, Evaluation of meaningful patterns)
* Used ggplot2 to pictorially represent correlations between the different predictor variables.
* Built logistic regression, decision tree and random forest models using cross validation.
* Interpreted the results of the different predictive models and found out the best fit model for given dataset.