Aparajithan Venkateswaran (Apara) **github.com/AparaV | (720) 520-2811**
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EDUCATION

University of Colorado Boulder
B.S. in Computer Science
and Applied Mathematics
Expected May 2020
Current GPA: 4.000 (after Fall 2016)

Arsha Vidya Mandir, India
Central Board of Secondary Education
Senior School Certificate Examination
96.2% (graduated in 2015)
Secondary School Examination
10.00 CGPA (2013)

LANGUAGES

C/C++ (Proficient)

Python (Proficient)

JavaScript (Familiar)

MATLAB (Familiar)

HTML

TOOLS

Visual Studio

PyCharm

Heroku

MATLAB/GNU Octave

AutoCAD

EXPERIENCE

Director of Technology - HackCU Sept 2016 – Present
Leading and managing a small tech team at HackCU, a student run on-campus hackathon group. Handling servers and websites. Designing software and websites (Local Hack Day and HackCU III) for HackCU.

PROJECTS

Faculty Course Questionnaire - Anomaly Detection Mar 2017 – Apr 2017
An anomaly detection model based on Bayesian Networks to detect 'anomalous' replies to Faculty Course Questionnaire at University of Colorado Boulder. These anomalies were analyzed to study trends across lower and upper division courses in the Computer Science department.

Course Planner Jan 2017
This application helps students plan their future semesters by helping them choose their courses in the most logical order (completing pre-requisites before the actual course). This project is implemented in JavaScript making use of React.js and node.js. www.plancourses.herokuapp.com

Popularity on Twitter Nov 2016 – Dec 2016
Written in Python, this application collects all live tweets containing a search query and computes a score to determine how popular the query is at that instant. www.popularity-on-twitter.herokuapp.com

Ruin Escapade: A Game in C++ Oct 2016
A simple maze/puzzle game written from scratch in C++, incorporating sophisticated graphics, where the player controls the hero who is trying to escape a labyrinth.