**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

**Organizer - HackCU** Sept 2016 – Present
Working on software development and logistics at HackCU, a student run on-campus hackathon group. Helped in designing the Local Hack Day and HackCU III websites.

## PROJECTS

**Course Planner** Jan 2017 – Present
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. This application is being hosted on Heroku at 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. This application is currently being hosted on Heroku at www.popularity-on-twitter.herokuapp.com

**Ruin Escapade: A Game in C++** Oct 2016
This is 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.

**Removal of Consumed Alcohol from Human Body** March - April 2015
*Chemistry*
Alcohol reacts with acetic acid to form esters, a class of chemicals found in fruits. This project aimed at using this simple reaction to remove alcohol from the body and found that it is indeed possible to do so by consuming vinegar in the right concentration.