

Aparajithan Venkateswaran (Apara)

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Education

University of Colorado Boulder

B.S. (Hons) Computer Science
B.S. (Hons) Applied Mathematics

May 2020

GPA: 4.000 (after Summer 2017)

Arsha Vidya Mandir, India

Central Board of Secondary Education, Senior School Certificate Examination

May 2015

96.20 %

Experience

Director of Technology, HackCU

Sep 2016 - Present

Leading a small tech team at HackCU, a student run on campus hackathon group. Tasks involve managing servers, designing websites, and developing software to manage hackathons.

Projects

Faculty Course Questionnaire: Anomaly Detection System

- An anomaly detection model based on Bayesian Networks to detect 'anomalous' replies to Faculty Course Questionnaire at University of Colorado Boulder
- Implemented in Python

Ruins Escapade: A game in C++

- A game written from scratch in C++, incorporating sophisticated graphics, where the player controls the hero who is trying to escape a labyrinth

Popularity on Twitter

- Collects all live tweets containing a search query and computes a score to determine how popular the query
- Implemented in Python

Course Planner

- An application that helps students plan their future semesters by helping them choose their courses
- Implemented in JavaScript using React and Node.js

Skills

Languages

Experienced in C/C++, Python, familiar with JavaScript, MATLAB

Tools and Frameworks

TensorFlow, React, Node.js, AngularJS, Django

Misc.

MATLAB/GNU Octave, Heroku, AutoCAD, Git, AWS