Aparajithan Venkateswaran

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Education

University of Colorado Boulder   **May 2020**
B.S. (Honors) Computer Science   GPA: 4.000 (after Spring 2018)
B.S. (Honors) Applied Mathematics

Arsha Vidya Mandir, India   **May 2015**
Central Board of Secondary Education   96.20 %
Senior School Certificate Examination (Nationwide High School Graduation Examination)

Experience

Research Assistant, University of Colorado Boulder   **Jan 2018 - Present**
- Working in Larremore Lab to study the underlying structure of curriculum vitae
- Developing mathematical models to identify and extract features (sections) from curriculum vitae

Organizer, HackCU   **Sep 2016 – Present**
- Lead the tech team at HackCU, a student run on campus hackathon group
- Managing servers, designing websites, developing software used at hackathons, and teaching workshops

Course Assistant, University of Colorado Boulder   **Jan 2018 – May 2018**
- Course assistant for Discrete Structures (CSCI 2824)
- Held office hours to help students with assignments and concepts
- Designed new questions for assignments/exams and wrote solutions for existing questions

Research Assistant, University of Colorado Boulder   **Sep 2017 – Dec 2017**
- Worked in the AVS Lab on optical navigation and feature tracking in astronomical objects
- Developed a deep neural network to identify craters on astronomical objects and an algorithm to track specific craters across time

Awards

Meritorious Winner – Mathematical Contest in Modelling   **2018**
- Modelled the cost of an individual's privacy, in a free market, by taking into account the risks and benefits associated with sharing private information along with highly correlated nature of human data

Skills

Languages	Experienced in C/C++, Python; Familiar with MATLAB, JavaScript
Tools and Frameworks	TensorFlow, Django, Numpy
Misc.	MATLAB/GNU Octave, Git, Heroku