Aditya Soni

adisoni@umich.edu   +91-7678625233

EDUCATION

University of Michigan, Ann Arbor   **Expected: May 2021**
Bachelor of Science Engineering (Computer Science)
GPA: 3.9
Related Coursework: ENGR 101(Introduction to Computers and Programming), EECS 203(Discrete Math) and EECS 280 (Programming and Introductory Data Structures)
Programming Languages: C++, Python, MATLAB, HTML, CSS

Delhi Public School, R K Puram   **May 2017**
CBSE: Aggregate 95.2%
SAT Score: 2340

PROJECTS

Piazza Post Classifier
Completed a Machine Learning and Natural Language Processing project using a simplified version of the Multi-Variate Bernoulli Naive Bayes Classifier, which would classify posts from the online Q&A forum "Piazza"

Imaging Resizer
Completed a content aware image resizing project using a seam carving algorithm. The program could change the aspect ratio of images without distorting the image.

Blimp
Designed, built and tested a remote-controlled blimp using an Arduino, servos and bi-directional motors, capable of flying at speeds up to 2 m/s

EXPERIENCE

Science Learning Center, University of Michigan   **January 2018 – Present**
Physics Study Group Facilitator
- Organized and led two study groups per term of 10-12 students enrolled in Physics 140
- Went over key concepts covered in the class, cleared doubts and conducted exam reviews

Breathe Blue, MPowered Entrepreneurship   **January 2018 – April 2018**
Member
- Consulted for an autonomous vehicles start-up in the pre-seed stage by conducting market research on potential investors and competitors

Planet Blue   **September 2017 – April 2018**
Planet Blue Student Leader
- Worked with University officials to implement sustainability related projects such as increasing sustainability resources for off campus students and launching a water conservation campaign in university recreational buildings
- Educated students across the campus on the various sustainability related resources available to them and how they can get involved with sustainability on campus

LEADERSHIP

Debating Society, Delhi Public School R K Puram   **April 2016 - March 2017**
President
- Organized and conducted trials for the debating team
- Represented the school at various debating competitions and won many individual and team awards

COMMUNITY SERVICE

- Taught Computers to teenagers at the differently abled School "Tamana".
- Taught Math and English to students of Class 3 to 5 at "Sankalp", a school for underprivileged students in Gurgao

ADDITIONAL

Language: English(fluent), Hindi(fluent), Punjabi(conversational), French(basic).
Interests: Squash, Swimming, Running, Reading, and Travelling