Shrey Prakash Sahgal
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Education

    Horace Mann School, Bronx, NY, Class of 2020

    Current Senior; Cumulative STEM GPA > 3.85

    Incoming Freshman at the University of Michigan College of Engineering

Employment History

    Software Engineering Intern at Essen Healthcare (June-August 2018)

    Full Stack Intern at QuiO Technologies (June-September 2019)

Honors and Awards

    HackMann 2017 (1st Place), HackTrin 2019 (2nd Place), Top 50 (of 900+) High Schoolers PACTF 2019, Top 30 (of 250) High Schoolers in Halite.io, LewHacks 2018 (4th Place).

    Capelluto Foundation Award Runner-Up (2019).

Relevant Coursework

    Biology, Geometry, Computer Science II, Chemistry, Algebra 2 and Trigonometry, Physics, AP Chemistry, Precalculus, AP Computer Science, AP Calculus, AP Physic Mechanics and E&M, Discrete Math and Voting Theory.

Skills

    Proficient in Java, Python, JavaScript with an emphasis on algorithm analysis and increasingly on machine learning (especially genetic algorithms and various types of neural nets).

    Extensive experience with git workflow and management control.

    Excellent writer, presenter of ideas, and mentor to younger students.

Extracurricular Activities

    Captain, FTC Robotics Team Basement Lions Team #4326 (2018-2020).

    Lead Programming Instructor, STEAM on the Hill (2017-Present)

    Chair of Organizing Committee, Horace Mann Hackathons (2017-2020).

    Mentor, Horace Mann Middle School Robotics (2016-Present).

    Member, Horace Mann American Computer Science League (2017-2020).

    Member, Horace Mann TEAMS (Test in Engineering and Aptitude in Mathematics and Science) team; 1st in New York State 2018 and 2019 (2018-2020).

    Presenter, Horace Mann Science and Technology Fair (2018).

    Build Lead, Horace Mann Rocketry Club (2016-Present).

    First Chair Euphonium, Horace Mann Wind Ensembles (2018-2020).

    Captain, Horace Mann Boys Varsity Volleyball (2019-2020).