Aneesh Nagalkar

Aneesh.Nagalkar@gmail.com | (732)-484 -8424 | Portfolio

Education

Bridgewater Raritan High School   Class of 2022
- High Honor Roll every marking period; Cumulative GPA: 4.53
- AP courses in Computer Science Principles, Calculus BC, Computer Science A, Differential Equations, U.S. History, Microeconomics, Physics A, Language and Composition
  - Plan to take AP courses in Advanced Math Topics in Engineering, Probability and Statistics, Literature, Physics C, Spanish, and Advanced Topics in Computer Science

Robotics
- Studied at Storming Robots for 7 years and gained proficiency in: RobotC, Algorithms in C/C++, Raspberry Pi, OpenCV, Arduino, and Python
- Have been working as an instructor at Storming Robots for over a year teaching students (grades 5-8) the fundamentals of C/C++ and robotics

IStart Valley
- Attended a Data Science/Machine Learning Summer Course where I trained my own computer models and ran scripts in Jupyter Notebook
  - Won third place at IStart Valley's Data Science competition
- Enrolled in IStart Valley's Entrepreneurship course where my team and I built a business model and prototype for our startup company.
  - Won 1st place at the Start-up Competition and was invited to compete in the Global Entrepreneurship battle in the fall of 2021

Awards and Achievements

Environmental
- Received the Presidential Environmental Youth Award by the EPA for partnering with Rutgers University to plant rain gardens and spread awareness of green infrastructure throughout my high school and middle school
- Earned the Jefferson Award for Public Service (also known as the NJ Governor's Award) for founding an environmental club in my school and leading numerous projects with our members

Robotics
- Represented Team USA at the **International Robocup Junior Rescue Line competition**
- Elected Team Captain of my robotics team that won 1st place at Robocup Junior Rescue Line's National Qualifier.
- Competed in Robocup Junior Rescue Maze and won second place at the National Qualifier.

Leadership Positions:

Green Infrastructure Club (Founder)
- Partnered with Rutgers University to plant a rain garden and garden bulbs in my high school
- Pitched an environmental master plan for Bridgewater-Raritan High School to my principal and was granted approval for the preliminary stages of this model.

Math Honors Society (Founder)
- Hosted events such as Pi Day and math competitions
- Started a biweekly tutoring initiative to provide extra help for students in math subjects ranging from Geometry to Calculus BC.

Model United Nations (Chief Officer of Conference Planning Committee)
- Responsible for organizing conferences, payments, checks, and important forms
- Led club meetings and instructed new members in competition strategies and public speaking

Active Member of the Speech and Debate Club, Spanish Honors Society, Google CS Club, TILE Code Club

Extracurriculars
- Avid Hackathon competitor
- Played tennis on my high school's Junior Varsity team during my freshman Year
- Participated in numerous debate tournaments and accumulated multiple awards at the national level.