

VARUN UNNITHAN

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EDUCATION

THE ACADEMY FOR MATHEMATICS, SCIENCE & ENGINEERING, 520 W MAIN ST, ROCKAWAY, NJ 07866

EXPECTED GRADUATION: 2022

WEIGHTED GPA: 103.255 (100 POINT SCALE)

A rigorous, highly focused four year program for students with career interests in mathematics, science and engineering.

Courses: AP Calculus BC, AP Statistics, AP Computer Science A, AP Computer Science Principles, AP Physics 1, AP Chemistry

Awards: Excelsior Award (2018-2019), AP Scholar with Honor

SKILLS & ABILITIES

COMPUTER SKILLS

- Experience with Java and the Java Swing library
- Experience with Javascript and BabylonJS (a Javascript 3D engine)
- Knowledge of JSON-based database connectivity in Java and Javascript
- Able to use 3D modeling or animation tools such Blender and Solidworks

COMMUNICATION

- Can communicate and work effectively with others as well as take directions
- Strong public speaker, and able to give engaging presentations and speeches

ADAPTABILITY

- Quick to pick up and learn new tools or techniques
- Able to come up with creative solutions to difficult problems

VOLUNTEER EXPERIENCE

TUTOR, AGRADEAHEAD, YOUTH PROMISE

1246 US-46 SUITE #1, PARSIPPANY, NJ 07054 AND VIRTUAL

JULY 2019 - PRESENT

- Develop lesson plans and teach students in grades 1-8
- Supervise students and regulate classroom atmosphere

PHONE BANKER, HUMANE SOCIETY OF UNITED STATES

VIRTUAL

JANUARY 2021 - PRESENT

- Contact people to urge them to support animal rights legislations that are being considered

HEAD COACH, PAL BASKETBALL PROGRAM

33 BALDWIN RD, PARSIPPANY, NJ 07054

DECEMBER 2019 - MARCH 2020

- Scheduled, developed plans and supervised team practices for 5th-6th graders
- Coordinated player positions and implemented game plans
- Communicated with parents and players through email

ACTIVITIES & AWARDS

FUTURE BUSINESS LEADERS OF AMERICA

- Placed 2nd in New Jersey for the Coding and Programming project and event in 2021
- Placed 5th in New Jersey for the Introduction to Financial Math objective test in 2020

KEY CLUB

- Secretary of Morris Hills High School Key Club
- Communicates and coordinates with higher levels of the Key Club district
- Manages club and club member data

JUNIOR STATE OF AMERICA

- Active member of the Morris Hills High School Junior State of America club

HACKATHONS

- Placed 2nd for the high school track of the NC State PackHacks Hackathon in March 2021