Anish Shriram
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Education

Livingston High School; Expected Graduation: June 2022
3 Year Cumulative GPA: 3.99 ACT: 34
Advanced Placement Courses: AP Computer Science A (4); AP Chemistry (4); AP Physics I (4); AP US History II (4); AP Seminar STEM (4); AP Physics C Mechanics; AP Calculus AB; AP Research STEM; AP World History; AP Psychology

Honors and Awards

Science National Honors Society: Served as head writer and editor of the SNHS weekly newsletter
English National Honors Society
Rho Kappa Social Studies Honors Society
National Speech and Debate Honors Society
> Superior Distinction (2020)
> Warden of Humility (2020)

National Honors Society
AP Scholar with Distinction (2021)
Abilify Now's AbilityHacks Winner (2021)
> Most creative project designed around innovations supporting those with disabilities in the form of software, application, or physical product

African Library Project's 2019 Global Literacy Champion (2019)
> For expanding opportunities for learning by creating spaces that nurture literacy.
> 2019 Lesotho bookdrive, 2500 books gathered, organized, and shipped to construct a community library.

Research

Center for Biomedical Image Computing and Analytics, University of Pennsylvania (2021 Aug-Present)
> Mentors: Dr. Spyridon Bakas - Email: spyridon.bakas@pennmedicine.upenn.edu; Dr. Ujiwal Baid - Email: ujjwal.baid@pennmedicine.upenn.edu
> To create publicly available deep learning algorithms for the delineation and segmentation of brain meningioma boundaries in multi-parametric brain MRI scans. *Manuscript for publication in the works. Research entered in the New Jersey Regional Science Fair and the Regeneron Science Talent Search Competitions.*

The Feinstein Institutes for Medical Research (2020 July-Oct)
> Mentor: Dr. Venkatesh Jeganathan - Email: venkatj21@gmail.com
> To differentiate and classify tolerogenic and inflammatory dendritic cell immune responses in Type I Diabetes.

Computer Science Portfolio

My projects and descriptions are all posted on my personal website. All source code can be found on my github.
> Website: https://anishshriram.github.io/
> Github: https://github.com/anishshriram

Extra-Curricular Activities

Boy Scouts of America - Senior Patrol Leader; Patrol Leader; Historian - (2015-Present)
> Eagle Scout with Gold Palm; Order of the Arrow Ordeal Member; NYLT Graduate; Leading a Troop of 75 Scouts; 231 Hours of Service; 18 Service Projects
> - Order of the Arrow, Ordeal Member
> - Robert Henry Carl Award (2019)
>   Awarded to the scout who best displayed the qualities and leadership of the late Robert Carl.
> - Eagle Scout Rank (2021)
>   Bronze Eagle Palm (2021): Silver Eagle Palm (2021)
> - World Conservation Award (2019)
>   Awarded in recognition of my project initiatives to encourage conservation practices and awareness.
> - Den Chief Service Award (2019)
>   Awarded in recognition of service as a Den Chief and the completion of rigorous training

- National Youth Leadership Training Certificate (2021)

Livingston High School Forensics Speech and Debate - Debate Captain (Lincoln Douglas) - (2018-Present)
> Debate National Honors Society Superior Distinction; Mentoring 40 Debate Students
> Junior Year Place Finishes:
> - Newark CFL# 5 (Finalist)
> - The Columbia University Invitational (Semifinalist)
> - Newark CFL # 3 (Quarterfinalist)
> - The Princeton Classic (Semifinalist)

Livingston High School Coding Club - Java Programming Instructor and Project Guide - (2020-Present)
> Java instructor to 6 students; Culminated in a final project I guided; Carbon Footprint Sim

High School Research Mentor, Mount Pleasant Middle School Science Conference (2020-Present)

Philosophical and Historical Discussion (PhD) Club - Participant - (2020-Present)
> Worked with club members to discuss complex philosophical prompts. The club allowed us to expertly flow through ethical dilemmas, working in conjunction with the LHS Politics Club to facilitate discourse

Livingston High School United Varsity Way Letter Club - Vice President - (2019-Present)
> Worked closely with the United Way service organization and members of the club to complete community service projects in return for a varsity letter

Livingston High School Investing Club - Participant - (2021-Present)

Music

Livingston High School Chamber Orchestra - 1st Violist - (2018-2019)
> Selected to be 1st Violist in the Chamber Orchestra to play advanced music at concerts

Sweet Strings Symphony - 1st Violist - (2017-Present)
> Viola is my predominant instrument; I work with a private teacher and her personal orchestra as a first violist

Athletics

Livingston High School Varsity Track and Field - Shot Put; Discus; Javelin - (2019-Present)
> - v. Caldwell High School (3rd Place, SP)
> - v. Irvington High School (4th Place, SP)
> - v. Bloomfield High School (4th Place, SP)
> - v. Millburn High School (4th Place, SP)
> - v. Bellville High School, Westside High School (4th Place, Disc) (4th Place, Jav) (5th Place, SP)
> - Joe Suriano Invitational T&F Meet (7th Place, Jav)

Livingston High School Varsity Football - Defensive End; Outside Linebacker - (2021-Present)
> - Defensive Player of the Week (x2)
> - Scout Team Player of the Week (x1)

Chun Khun Taekwondo - First Degree Black Belt - (2015-2018)
> Mentored younger students and led demonstrations across the state

AAU Basketball AMoney Sports - Power Forward; Center - (2018-Present)
> Led the team to a 2nd place ranking in the Hoop Heaven Championship and STACK Basketball tournaments

Community Service

Livingston Library Teen Volunteer - Volunteer - (2020-Present)
> Worked on various projects maintaining an educational atmosphere in Livingston; Included the creation of light quizzes, tutoring, and the organization of resources to certain areas

Job Experience

Anish's Tutoring Service - Founder; Owner; Tutor - (2017-Present)
> Tutor 10 hours a week students grades 6th- 8th in algebra, biology, essay writing, and coding

Additional Skills

Spoken Languages: Tamil
Computer Programming Languages and Frameworks
> Fluent: Java, Python
> Proficient: JavaScript, HTML, CSS, C++, SQL, TensorFlow, PyTorch
> Elementary: MongoDB, React, Prostgress