Keshav Anand — Wright Application

1. Applicant Information

Required Information:
- First Name: Keshav
- Middle Name: Gopalan
- Last Name: Anand
- Scholar Email Address: keshavanandofficial@gmail.com
- Street Address: 3809 Sagewood Court
- City: Plano
- State: TX
- Zip Code: 75025
- Scholar Phone Number: (972) 520-4390
- Date of Birth: 07/03/2009 (MM/DD/YYYY)
- City, State, Country of Birth: Plano, Texas, USA
- US Citizen?: Yes

Optional Information:
- How did you learn about this program?: School or college counselor
- Gender: Male
- Race: Asian
- Disability: N
- Languages: Hindi, Other (Tamil)
- First Gen College: No

Required School Information:
- HS Name: Plano East Senior High School
- HS City: Plano
- HS State: Texas
- HS Phone:
- College Name(s) if accepted: MIT, CalTech
- Planned Program of Study: Computer Science

2. Applicant Certification and Commitment

Nothing to do here

3. Essay Section

- Current Grade: HS Junior
- HS GPA (Cumulative Unweighted): 4.0/4.0
- HS GPA (Weighted [Unspecified Cum or Not]): 4.73
- Planned Program of Study/Career Path: Computer Science

Prompt 1: List the five most advanced science and math courses you have taken or are taking in high school and the grade received if completed (AP , Honors, College-level and label as such). Include any engineering tech prep program classes that you are enrolled in at your school.

Science and Math Courses

1. Calculus III (Collin College): 99% (11th Grade Semester 1)
2. AP Chemistry: 99% (11th Grade Semester 1)

3. AP Calculus BC: 98%, 98% (10th Grade Semesters 1,2) — AP Exam 5/5
4. AP Physics 1: 97% (11th Grade Semester 1)
5. AP Environmental Science: 97%, 97% (10th Grade Semesters 1,2) — AP Exam 5/5

Engineering Tech Prep Program Courses

1. AP Computer Science Principles: 100%, 99% (9th Grade Semesters 1,2) — AP Exam 5/5
2. PLTW Introduction to Engineering Design: 97%, 99% (9th Grade Semesters 1, 2)
3. PLTW Engineering Science 98%, 98% (10th Grade Semesters 1, 2)
4. PLTW Digital Electronics 97% (11th Grade Semester 1)

Prompt 2: List participation in extra-curricular high school activities such as athletics, band, choir, orchestra, National Honor Society, school newspaper/yearbook, school officer, or any home school extracurriculars.

1. **First Tech Challenge (FTC) Robotics, Co-Captain, Software Lead** (9th-11th Grade): Helped found and lead community robotics team with fully custom robot design and software. Won multiple local awards for software and hardware innovation, becoming regional and state finalist alliance team, and global top-30 for the autonomous section.
2. **Member of School Science Fair Club** (9th-11th Grade): Completed independent research projects in engineering and computer science. 2x International Science and Engineering Fair (ISEF) finalist, and 3rd in Robotics and Intelligent Machines at ISEF ($1200 award). Won 1st in category at school, district, and regional science fairs competitions. Awarded multiple special awards, including TI Best Computing Project and US Air Force Certificate of Recognition.
3. **Officer of School Science Fair Club** (10th, 11th Grade): President and Vice President of school's science fair club, organizing meetings, mentoring new members, and leading outreach events for STEM awareness in local community. Conducted biweekly lunch meetings to guide students through project ideation, research methods, and presentation skills.
4. **Speech and Debate** (9th-11th Grade): National (NSDA) and State quarterfinalist in Impromptu Speaking, and National octofinalist in Extemporaneous Commentary. Won local and regional tournaments in Duo Acting and Extemporaneous Speaking. Coded powerful timer utility and congress PO app for team use, with positive testimonials from state and national competitors.
5. **Keyboardist for Local Band** (9th, 11th Grade): Performed as a self-taught keyboardist for a local band with popular ticketed shows and over millions of views on YouTube. Revenue from performances donated to local charities, raising over 200K through various platforms to support people in need of support for medical expenses. Volunteered over 100 hours for events, and earned President's Volunteer Service Award Silver (9th Grade).
6. **Original Music Arrangement and Composition** (9th-11th Grade): Created original film music arrangements and compositions using fully self-taught music production skills, keyboard, and bass guitar. Collaborated with local artists and renowned Tamil film music composer to produce musical compositions and melodies.
7. **NHS Member** (10th-11th Grade): Volunteered through judging local Middle School Debate Tournaments, organizing school-wide service events, and tutoring underclassmen in STEM subjects. Produced valuable educational resources (through school's tutoring program) to help with Calculus and Chemistry understanding.
8. **NHS Technology Officer** (11th Grade): Technology Officer for largest NHS chapter worldwide, coding a React-based full-stack web portal to streamline member management, event coordination, and service hour tracking. Hours are tracked through accurate QR code scanning, saved into Firebase database for easy and secure access by officers and members.
9. **Math Club** (9th-11th Grade): Competed in local math competitions, including AMC 10/12 and AIME (1x qualifier).
10. **Founder of School's Cricket Club** (11th Grade): Founded and organized school's first competitive cricket club, playing local high school teams. Helped organize and run practice, matches, and manage team logistics. Spread the sport to over 30 club members 15 new players.

11. **Owner of Class Discord Server** (9th-11th Grade): Founded and managed a Discord server for studying and resource sharing. Supported over 150 active members with strict moderation, with support from school teachers. Implemented structured channels for various subjects with a live voice channel for group study sessions.

Prompt 3: Provide 3 or more detailed examples of demonstrated leadership (team captain/class officer/scouts/running a lawn service/leading fund raiser/tutoring/community service/volunteer work). Explain your duties.

1. I founded the Cricket Club at my current high school. As a founder, I was responsible for popularizing the club itself by recruiting members and advertising through Instagram and word-of-mouth. I organized practice sessions and I had to act as both a player and a coach, teaching new players the rules and pushing them through the sport's steep learning curve. Each practice itself proved a hurdle, as I had to find enough people to play at a common place and time, manage equipment, and ensure that everyone was engaged. Due to the nature of a first year club, I had to help bridge the high delta between experienced and new players, ensuring that everyone had fun while still being challenged. Then, I had to organize matches with other local high school teams, which involved coordinating with their club leaders, arranging transportation, and managing logistics. Through sponsorships from local businesses and colleges (UTD, RICE, DBU), I was able to fund equipment and provide support for club matches.
2. I serve as the Co-Captain and Software Lead for my school's First Tech Challenge (FTC) Robotics team. As the only programmer of our initially rookie team, I was fully writing out every line of code for our robot. However, funds became a major hurdle, so I also filled in to help secure a $750 sponsorship from Texas Instruments through outreach events. As our team grew, I had to take on recruiting of new members, carefully selecting students who would be a good fit for our programming and engineering needs. Once our team reached 5 programmers, I fully transformed our repository into a GitHub organization, with multiple repositories for each team member to experiment with hands-on. I also had to delegate specific tasks and manage deadlines to ensure that our software development stayed on track. For the FTC competition, I was also in charge of documenting our software iterations and innovations, which proved crucial in winning multiple awards for software design and innovation.
3. I am the Vice President (and former underclassmen president) of my school's Science Fair Club. As an officer, it is my role to fully lead and plan our club's biweekly lunch meetings. This involves brainstorming engaging activities with other officers, and preparing 35-40 minutes detailed presentations on various aspects of science fair projects. I have prepared extensive materials on project brainstorming, project methodology, data analysis, and trifold tips to help guide over 90 active club members. Additionally, I help students one-on-one through email or in-person (after meetings) to share my experience to help students make the right decisions. Finally, as a student who has been intimidated by the science fair process, I plan and cater my presentations to help lower the barrier to entry for new students and underclassmen, recruiting members by making science fair more approachable.