

# Touseef (Armaan) Ali

5319 Morningview Drive, Hoffman Estates, IL 60192

[armaanpcs64@gmail.com](mailto:armaanpcs64@gmail.com) • 630-677-3234

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## Education

**Barrington High School** - Barrington, IL, *Expected in 05/2025*

**GPA:** 3.692/4.0 Unweighted, 4.359/5.0 Weighted

**ACT Superscore:** 33, English: 36, Science: 34, Math: 32, Reading: 29

**Courses:** AP Biology, AP Psychology, AP Computer Science, AP English Language, AP Calculus

## Qualifications

**Coding Languages:** JavaScript and Python

**Skills:** Western blot, PCR, bacterial culturing, clinical retrospective research, literature review, graphic design, managing social media accounts including instagram, recruitment of members, leadership, public speaking

**Foreign Languages:** Fluent in Hindi, Urdu, Gujarati, Spanish

## Healthcare/Research Experience

**UIC Summer Scholars Research Program, Research Assistant**, May 2024-August 2024

**Inspirit AI Summer Scholars Program, Member**, *June 2023*

- Collaboratively investigated and developed an AI technology to detect pneumonia in X-ray images and presented it to 100+ attendees at the virtual Inspirit AI Summer Scholars Symposium
- Learned Python and JavaScript coding

**Leadership Initiatives Public Health Internship, Georgetown University, Intern**, *July 2023*

- Conducted in-depth research and developed a public health campaign in typhoid fever, malaria, and acute respiratory infections in underserved communities in Bauchi, Nigeria
- Participated in telemedicine workshops on proper ways to interview a patient, take vital signs, and investigate diseases at the Nagari Medical Clinic & Maternity Ward in Nigeria
- Recognized by Executive Director, Marshall Bailly, for the work I performed and full scholarship was extended to HOSA students at my high school to attend this program
- <https://lichangesummer.org/2023/MedTali/>

**Sudden Cardiac Death Research Foundation (S.C.A.R.F), Ambassador**, *July 2022*

- Performed scientific literature searches and created a website about raising awareness on Long-COVID Syndrome
- Presented Poster Presentation at the S.C.A.R.F. Scientific Research Symposium to a panel of judges
- Got first place in pig heart dissection, shadowed physicians, raised funds and advocated for more AEDs

**Northwest Suburban Medical Group, Volunteer Medical Assistant**, *July 2019 - Present*

- Shadowed Dr. Hameeduddin in her family practice clinic, assisted in checking in patients
- Rounded in nursing homes and hospitals with the physician and PA

**Future Healthcare Professionals Club, Member**, *August 2021-Present*

- Learned about different fields of medicine and research from physicians of various specialties
- Observed brain, eye, and heart surgeries

**Health Occupations Students of America Club (HOSA), Member**, *August 2021- Present*

- Qualified to compete at a state level for sports medicine
- Qualified to compete at an international level competition in dental terminology
- Recognized for second place at State level for Dental Terminology

**Dr. Rubin's Mini Medical School for High School, Member, *June 2021***

- Practiced clinical skills such as creating casts, reading EKG's, and a simulated delivery of a baby

**Poster and Oral Presentations:**

- **Ali, TA**, Gafoor, A, Kim G. Make it C.L.E.A.R. COVID-19's Lasting Effects Altering Reality. Poster presented at Rhythm of Life Gala & Scientific Symposium; 2022 July 30; Hoffman Estates, IL
- **Ali, TA**, Premanand, R., Anand, O., Singla, A., McHenry C. Pneumonia Detection using AI, Oral Presentation at: Inspirit AI Summer Scholars Symposium; 2023 June 30 (Virtual)
- **Ali, TA**, O'Halloran, R., Pang, E., Syed, I., Moreno, R., Doughty, A., Azeez, F. Acute Respiratory Infections: Prevention and Community Protection, Oral Presentation at Georgetown University Leadership Initiatives Conference; 2023 July 23; Washington, D.C.

**Service/Leadership:**

**Share OverSeas Organization, Co-President, August 2018-Present**

- Led monthly meetings and community service projects to help those in need around the world locally and globally
- Leveraged social media platforms and graphic design skills to build a following, recruit members, and promote participation in monthly service activities: @shareoverseasbhs
- Spearheaded and served as MC at a fundraiser dinner where we raised over \$75,000 for those affected by the devastating floods in Pakistan
- Rallied students together to make blankets which were shipped to Turkish and Syrian refugees
- Helped pack over 14,000 meals for Nicaraguan children with Feed my Starving Children

**Social Events for the Elderly and Disabled (S.E.E.D.), Co-Founder & Co-President, February 2023-Present**

- Co-founded this non profit organization to help the decrease loneliness for the elderly and empower them
- Visited nursing homes and gave lectures and health presentations to inform and empower the elderly
- Helped entertain the elderly and disabled with fun games and music to combat loneliness

**AMITA Health Alexian Brothers Youth Board, Member, August 2019-Present**

- Volunteered by participating in monthly activities for hospitalized children
- Did reverse trick-or-treating, sang Christmas carols, and created activity packages

**UNICEF Club, Member, August 2021-Present**

- Aided with monthly fundraisers to raise money for UNICEF Organization's efforts in protecting children's rights around the world
- Participated in advocacy initiatives to help raise awareness on children's rights and disparities

**Neighborhood Tutor Program, November 2022- Present**

- Selected as a tutor by the organization to tutor Math and Chemistry high school students

**Sports**

**Barrington High School Boys Football Team, June 2021-Present**

**Barrington High School Boys Basketball Team, November 2021-March 2022**

**Barrington High School Boys Diving Team, November 2022-March 2023**

**Barrington Summer League, May 2022-Present**

- Commissioned a basketball league with 250+ players and 24 teams and organized schedules and times.
- Created various graphic designs for the league's social media-@barringtonsummerleague

**Honors/Awards:**

- National Honors Society
- Spanish Honor Society
- 2nd Place In Dental Terminology for Illinois HOSA
- Varsity Football IHSA Class 8A Semi-Finalist

**Websites/Social Media Platforms**

- <https://shareoverseas.com>; @shareoverseasbhs
- <https://lichangesummer.org/2023/MedTali/>

**Hobbies/Interests:** Playing basketball & football, working out, DJ for events, and running a sports card business