

CHANDERSHEKHAR SHORI

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EDUCATION

University of Texas at Austin

August 2017 – May 2021

Degrees Pursued: BS Computational Biology, BSA Mathematics

Certificates: Applied Statistical Modeling

Texas Academy of Mathematics and Science

August 24th, 2015 – May 11th, 2017

Cumulative GPA: 3.86

Rank: N/A

ACTIVITIES AND LEADERSHIP EXPERIENCE

- **Camp Oasis Cabin Counselor** Austin, TX(August 2020-August 2020)
 - Served as cabin counselor to IBD patients from grades K-12 in at Camp Oasis, which is camp designed to create a growth safe and supportive community for IBD patients
- **Research Student Advisory Council** Austin, TX(April 2020-Present)
 - Helped enhance the undergraduate research experience at the University of Texas at Austin by helping promote innovative avenues and opportunities for students to pursue undergraduate research
- **SG Natural Sciences Representative** Austin, TX(March 2020-Present)
 - Won an election to serve as the bridge between the student body and the University of Texas at Austin Student Government (SG) in order to great a better growth nurturing environment for students. Served on the Financial Committee of SG in order to oversee the handling of financial operations, and also served on the Legislative Policy Committee to in order to help students and other member of SG right legislature to present in Assembly.
- **Calculus Lab Learning Assistant** Austin, TX(January 2020-May 2020)
 - Learning assistant in Calculus lab to help students enrolled in calculus with their math related problems.
- **TSBVI Volunteer** Austin, TX(September 2019-Present)
 - Volunteered at the Texas School for the Blind and Visually Impaired (TSBVI) in order to foster a safe and nurturing learning environment for its students

- **Texas Punjabi Cultural Association (Vice President)** Austin, TX(May 2019-Present)
 - Raised awareness among Punjabi students from East and West Punjab, while helping teach students at the University of Texas at Austin about Punjabi culture
 - Hosted Punjabi Rodeo, which is cross cultural dance festival featuring Texas folk dance and bhangra
- **Sikh Student Association** Austin, TX(January 2019-Present)
 - Met once a week with other Punjabi and Sikh students to discuss the applications of Sikhi in the college life. Helped foster a family-like community for many students away from home
- **Undergraduate Teaching Assistant** Austin, TX(January 2019-Present)
 - Undergraduate teaching assistant for BCH 369 (Fundamentals of Biochemistry I) taught by Dr. Gail Grabner at the University of Texas at Austin. Assisted with enhancing the learning environment of students in order to better their knowledge of the field of biochemistry
- **Peer Learning Assistant** Austin, TX(August 2018-Present)
 - Peer Learning Assistant for BIO 311C (Introductory to Biology I) taught by Dr. Sata Sathasivan at the University of Texas at Austin. Assisted with enhancing the learning environment of students in order to better their knowledge of the field of biology
- **Volunteer Coordinator at UT Sure Walk** Austin, TX(August 2018-Present)
 - Helped coordinate volunteers at UT Sure Walk with transporting students home safely at night, and helped raise awareness about interpersonal violence at the University of Texas at Austin
- **Texas Crohn's and Colitis Initiative (President and Founder)** Austin, TX(January 2018-Present)
 - Assisted in helping raise awareness for inflammatory bowel disease while helping raise funds to find a cure
 - Helped raise 4000 dollars for inflammatory bowel disease research.
- **Take Steps Team Captain** Austin, TX(April 2018-Present)
 - Led a team to raise funds and awareness for the Crohn's and Colitis Foundation of America in order to help find a cure for inflammatory bowel disease
- **Undergraduate Researcher and Co-PI at Dell Medical School** Austin, TX(January 2018-Present)
 - Worked under the guidance of Dr. Marisa Izaguirre and Dr. Sujal Rangwala in collaboration with Dell Medical School gastroenterology team at the University of Texas at Austin on a national research initiative called ImproveCareNow, which is designed to better the care of patients with inflammatory bowel disease by creating a patient registry
 - Worked on a project concerned about finding an ideal biologic and non-biologic concomitant therapy for treating inflammatory bowel disease

- **Student Volunteer at Baylor Scott & White Medical Center Plano** Plano, TX(April 2017-Present)
 - Assisted staff with enhancing the quality of stay of patients at Baylor Scott & White Medical Center Plano
- **Circle of Friends** Denton, TX(September 2015-May 2017)
 - Worked with special needs students at McNair Elementary in order to help them succeed in the academic environment
- **Volunteering Coordinator at Facilitating Education Everywhere** Denton, TX(March 2016-May 2017)
 - Helping provide a greater education for impoverished individuals in marginalized areas of the world by spreading awareness and encouraging donations in the form of educational tools, books, and school supplies
- **Researcher at University of North Texas** Denton, TX(April 2016-December 2016)
 - Conducted research under Dr. Rajeev Azad with the hopes of finding the ideal alignment-free method for creating phylogenetic tree

AWARDS AND ACCOMPLISHMENTS

- **AAAS Research Conference Seattle 2020** Austin, TX(February 2020)
 - Presented research about stool data in regards to t non-biologic and biologic therapy at the American Association for Advancement of Science Research Conference, which is the largest gathering of researchers and scientists from all over the country
- **AAAS Research Conference 2019** Austin, TX(February 2019)
 - Presented research about blood report data in regards to non-biologic and biologic therapy at the American Association for Advancement of Science Research Conference, which is the largest gathering of researchers and scientists from all over the country
- **Capitol of Texas Undergraduate Research Conference 2019** Austin, TX(November 2019)
 - Presented research about blood report data in regards to non-biologic and biologic therapy at the University of Texas at Austin's Capitol of Texas Undergraduate Research Conference, which is one the largest undergraduate researcher gatherings in the state of Texas
- **Capitol of Texas Undergraduate Research Conference 2018** Austin, TX(November 2018)
 - Presented research about non-biologic and biologic therapy at the University of Texas at Austin's Capitol of Texas Undergraduate Research Conference, which is one the largest undergraduate researcher gatherings in the state of Texas

- **Take Steps Pacesetter 2019** Austin, TX(May 2019)
 - Recognized for individually raising over 100 dollars for the Crohn's and Colitis Foundation of America in an event called Take Steps
- **Take Steps Hopegiver 2018** Austin, TX(August 2018)
 - Recognized for individually raising over 1,000 dollars for the Crohn's and Colitis Foundation of America in an event called Take Steps
- **Take Steps Pacesetter 2018** Austin, TX(May 2018)
 - Recognized for individually raising over 100 dollars for the Crohn's and Colitis Foundation of America in an event called Take Steps
- **University Honors** Austin, TX(May 2018-Present)
 - Recognized for outstanding academic performance
- **National Honor Society** Denton, TX(August 2016- May 2017)
 - Recognized for academic performance and community service
- **President's List, Texas Academy of Mathematics and Science** Denton, TX(August 2016-May 2017)
 - Recognized for maintaining a grade point average of a 4.0
- **Dean's List, Texas Academy of Mathematics and Science** Denton, TX(August 2015-May 2016)
 - Recognized for maintaining a grade point average of a 3.5 or higher