

Shashank Vege

[REDACTED] Aurora, IL [REDACTED]
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EDUCATION

Metea Valley High School

Aurora, IL

2014-2018

GPA (tentative transcript attached): 4.59 W/ 3.86 UW

ACT (September 2016): 35 Composite (35 English, 36 Math, 36 Reading, 34 Science)

SAT Subject Tests: 800 Mathematics Level II, 800 Chemistry

PSAT (September 2016): 1470/1520 (760 Math, 710 Reading/Writing)

WORK EXPERIENCE

University of Chicago

Chicago, IL

High Performance Electrical Neuroimaging Lab, Cognitive and Social Neuroscience Unit

Summer 2017

- ❖ Will be working under John Cacioppo and Stephanie Cacioppo this upcoming summer in the HPEN Laboratory as a paid neuroscience research assistant with research revolved around Flibanserin (Addyi) and its effectiveness on motor cortical neurons and neural desire pathways.
- ❖ Worked as a part of the Data Reduction, Data Analysis and 3D Neural Screening teams
- ❖ Now proficient in MATLAB analysis, which was utilized for the 3D neural projections and polarity charts for drug impact isolation, and Remark Office OMR for statistical analysis.
- ❖ Worked as a Electroencephalography pre-processing manager, where I set up the equipment needed to test patients and did Broadband processing to isolate neural wavelengths that our team was looking for.
- ❖ Was given the opportunity to shadow Dr. John Cacioppo and Dr. Stephanie Cacioppo perform their clinical trials, where I was able to observe the lab protocol and patient interaction.

VOLUNTEER AND COMMUNITY EXPERIENCE

Meaningful Summers (meaningfulsummers.org)

Co-Director and Corporate Marketing Leader

2014 - Present

- ❖ This organization was created by us to help foster increased interaction between the future generations and our society through charity work and projects
- ❖ Led the Blood Brother charity event that raised \$1000 for an orphanage in India

2015

- ❖ Led the Meaningful Summers Kickball tournament that raised \$3000+ for the veterans homeless shelter in Illinois 2016
- ❖ Director of the 2017 Meaningful Summers S.T.E.A.M Night aimed towards underprivileged children in the city of Aurora. Co-Leader of the Meaningful Summers Kickball Tournament and Meaningful Summers Volunteer movement aimed towards raising funds and gaining community support, respectively. These three phases were all carried through in the summer of 2017. 2017
- ❖ We are now 501(c)(3) certified

Rush – Copley Hospital 2015 - Present

Student Director of Patient Transport

- ❖ Was one of the individuals selected to actively lead and direct patients and families to their respective areas while managing confidential patient files at the front desk

Wide Eyes Academy 2016 - Present

Lead High School Tutor

- ❖ Tutored middle school students that required help in the chemistry or biology fields

North American Telugu Association's Youth Leader and Executive Board Member 2015 – Present

Manager and leader in organizing non-profit events

- ❖ I helped structure the youth events in the 2016 Chicago Telugu Association Program
- ❖ I lead the creation and organization of the 2017 NATS Basketball Tournament

ACT/SAT and Calculus Tutor Summer 2016

- ❖ I tutored two students this summer for their upcoming sophomore years in standardized tests and calculus

EXTRACURRICULAR ACTIVITIES

Science Olympiad (10-12) – Was chosen to be a varsity member in all the years (10-12) I was a part of the club. Competed in 4 different events (Anatomy, Forensics, Invasive Species, Microbe Mission)

Business Professionals of America (10-12) – 10th - State Qualifier | 11th - Nationals Qualifier | 12th - Vice President. Organizing and running a club of 150+ members. Will be handling finances as well as logistics of the club.

Principal Advisory Board (10-12) – Was selected as one of the sophomore year leaders to join this club and aid the principal and administrative board in catalyzing change in our district and school. Discussed changes such as building improvements and improved club integration. Currently leading a project that will attempt to switch the start times of school with the elementary schools due to neurological advantages.

Worldwide Youth of Science and Engineering (10-11) – Chosen to represent this club in the Chemistry and Biology events in the Illinois competitions as a part of the Varsity team.

Track and Field (9-10) - One of the lead mid-distance and sprint runners on the team. Selected to the Sectionals roster in 2016 for the 4x400 and 400.

Chemistry Olympiad (11) – Chosen to represent Metea at the 2017 Chicago Chemistry Olympiad.

Brain Bee (11) – Participated in the 2017 SFN Competition for high school students in Illinois, Indiana, and Wisconsin.

ACS Exam (10) - Chosen to represent Metea at the 2016 American Chemical Society Scholarship Exam

A W A R D S A N D H O N O R S

United States Chemistry Olympiad (2017) – Qualified in the top 8% of the country as a Nationals Finalist

ACS Scholarship Exam (2016) – Was selected by high school teachers to represent Metea Valley at the competition. Obtained the Honors distinction as one of the top 18 chemistry students in Illinois.

Brain Bee (2017) – Ranked 3rd in the Chicago Neuroscience Competition out of 60 competitors from 20 high schools. This competition tests neuroscience, neuroanatomy, neurohistology, and patient diagnosis knowledge

Business Professionals of America – 2016: State qualification in Presentation Management Team (5th) alongside the National Merit Award | 2017: State qualification in Medical Office alongside Nationals qualification in Presentation Management Team (1st in Midwest; 5th in USA)

Meaningful Summers (Summer 2016) – Commended by the Mayor of Naperville for raising over \$3,000 for the Midwest Shelter for Homeless Veterans

Meaningful Summers (Summer 2017) – Commended by Mayor of Aurora for taking initiative in revitalizing the city of Aurora and its youth through our three phase system: Hesed House community charity movement, S.T.E.A.M Night for the underprivileged youth, and Kickball tournament for the non-profits of Aurora.

Science Olympiad – 3rd Place in Illinois in Anatomy and Physiology at State Science Olympiad Competition.

Track and Field – Given the “Animal of the Weight Room” Award for being the hardest working sprinter in the 2015-16 Season.

Honorary Guest for the 2017 Society for Neuroscience Chicago Annual Conference at Northwestern Memorial Hospital.

