

# Shivkar Amara

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## EDUCATION

**Liberty High School**, Frisco, TX 9th-12th  
**GPA:** Unweighted 4.0, Weighted 5.45  
**Class Rank:** 3rd out of 530 (**Top .5%**)  
**SAT:** 2260 out of 2400  
**Classwork:** AP Chemistry, AP Biology, AP Physics 1, AP Physics 2, AP Environmental Science,  
AP US History, AP Statistics, AP World History, AP Human Geography

## EXPERIENCE

**UT Southwestern** 11th-12th  
*Paid Research Intern*

- Conducted clinical research with the renowned pathologist Adi Gazdar. Established five cell lines for future cell tissue work and working to establish first ever Angiosarcoma and Adenoid Cystic cell line.

### **Welch Summer Scholars**

12th

*Research Intern*

- Co-Author** of research paper in progress with graduate student Cole Seifert under Professor Guigen Li on the synthesis of glucagon using Group-Assisted Purification at Texas Tech University.

## COMMUNITY SERVICE

**Senior Living Center at Legacy** 9th-12th  
*Volunteer*

- Provide care to residents with Alzheimer's disease and dementia in the memory care unit by assisting with their personal care, nutrition, vitals, and support group activities

### **ADI MEDICAL Clinic**

9th-12th

*Shadow/Volunteer*

- Volunteered as medical assistant, conducted vital testing for patients, and packaged and centrifuged blood.

### **Medical Center of Plano**

10th-11th

*Shadow/Volunteer*

- Cared for the patients by recording blood pressure, conducting patient rounds, and taking care of patient needs. (10th)
- Shadowed Dr. Ramarao Lankipalli, learned to take an ECG as well as gain first-hand experience with patients. (11th)

## LEADERSHIP

**Varsity Tennis Team** 9th-12th  
*Co-Captain*

- Regional Tennis Semi-finalist (11<sup>th</sup>), All-District Champion in my designated line (9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>), 3rd place Boys Doubles District Tournament during Spring (11<sup>th</sup>)

### **Key Club**

11th-12th

*Vice-President*

- Instituting President's Volunteer Service Award in Liberty High School and organized innovative volunteer events that could be held in future years. **Recipient of President's Volunteer Service Award-Gold**

### **Toastmasters International LHS Gavel Club**

9th-12th

*President*

- Co-Founded public speaking club to hone members' communication skills

### **Youth & Government**

11th-12th

*Liaison*

- Went to State for Youth & Government. Won Distinguished Delegation award for chapter (11th)

## REFERENCES - Available Upon Request