**Sandhya Srinivasa**

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**Education**

The Village High School

University of Texas at Austin – Biology BS Major

**Honors**

Full IB Diploma

Top 10% of graduating class

Women In Natural Sciences Program (WINS) – 2 years

University Honors (3 years)

**Volunteering**

Austin State Hospital (2 years)

People’s Community Clinic (1 year)

**Extracurricular Activities**

Treasurer for S.M.I.L.E, Students Making Impact Through Love and Empathy (1 year)

*Have also been a member for 3 years*

Tech Ops for S.M.I.L.E (1 year)

Peer mentor for FRI Aptamer Stream (2 years)

Independent Researcher for Freshman Research Initiative (FRI) - (Aptamer Stream member) (3 years)

*The goal in the Aptamer Stream is to find an aptamer, a specific oligonucleotide sequence that binds onto a target protein to inhibit or activate it. The specific target protein I am working with currently is glucose oxidase used for glucometers and the goal is to develop a more specific glucometer to help diagnose diabetes. I was also able to present at the Undergraduate Research Forum conducted at University of Texas at Austin.*

**Employment**

Girlstart Program Teacher (1 semester)

*Teaching STEM courses to motivate elementary school girls to pursue STEM careers*

Teaching Assistant for Genetics (1 semester)