

Education

Obra D. Tompkins High School

- STEM Endorsement with Distinguished Level of Achievement
- Weighted GPA: 4.5778/5.0
- Class Rank: 58/846
- Four years of computer science experience creating programs and technical applications for school classes, organizations, and clubs in addition to a 4 out of 5 on the AP Computer Science A Exam

Texas A&M University

- Freshman engineering student graduating in 2024 with a major in Computer Science
- Member of Engineering Honors Program: Honors Program representing the top 10% of Engineering Students at A&M

Experience

BP's Center for High-Performance Computing - Summer 2018

- Sole student from my school district, Katy ISD, selected to participate in the program
- Received the chance to work with world-renowned scientist, Keith Gray
- Given three goals for the completion of the project
 1. Build a graphical user interface based on the array of geological sensors that provides the user with information on the number of sensors needed and where they should be plotted to maximize efficiency
 2. Create an information system organizer which allows the user to store and access files easily
 3. Organize a project estimator that enables the reader to enter project details in order to obtain an estimate of the time and cost required for completion
- On behalf of the team, I took up the first goal and presented my work to the team as we critiqued one another's project before creating a final presentation together and displaying our work to members of the center who commended us on our efforts and gave us constructive comments
- Experienced the process of building and presenting/explaining a program in a professional, time-constrained workspace

Code Ninjas - (December 2018 to Present Day)

- Computer Science Education center focused on giving children an early understanding of STEM fields such as robotics and programming
- Ability to work with children and in a professional environment, gaining both customer service and work experience
- Opportunity to work with a variety of technologies such as 3D printing devices, professional developing software, and 3D modeling software
- Head Instructor at the center, tasked with keeping up with the progress of all students and leading instruction for summer camps