



# Tate Wilhelm

*Small Business Owner / Student*

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## Education

### Canadian High School

GPA: 4.49

Rank: 5 / 73

DC / Honors Classes: 7

SAT: 1480 ACT: 34

PSAT: 1500

AP CS Prin.: 4 AP CS A: 5

AP Physics 1: 5 Physics 2: 3

## Work

### Canadian Technology

*Owner, 2022 -*

Managed company, repaired devices, created websites, and installed IT equipment for homes and businesses.

### Canadian ISD

*Tech Assistant, 2022*

Maintained deployed devices, and assisted teachers and students with IT problems.

**139 Volunteer Hours**

## Activities

### Texas 4-H STEM Ambassador (2022-)

Created and promoted STEM curriculum for Texas 4-H youth. I was delegated to manage the production crews of videos at the State 4-H Assembly.

### FTC Robotics (2020-)

Lead Programmer of Canadian ISD FTC Robotics since freshman year, taught peers to program, and programmed 10+ robots over the years.

### 4-H Robotics (2021-)

Taught elementary kids basics of engineering, programming, CAD, and the engineering process. Coached a team of kids that competed in TTU's GEAR competitions.

### Journalism (2023-)

Learned basics of graphic design and photography.

### Drone (2024-)

Learned flight basics; certified by FAA for Part 107 operations.

## Honors

### UIL State Computer Science

Placed 5th at State and 1st at Region last year, after advancing to State every year of high school.

### LLRise

2-week residential program at MIT's Lincoln Lab; learned about RF theory, developed small radar systems, and built custom radar equipment.

### MITES Semester

Studied Machine Learning and Calculus, with a final project focusing in Spotify recommendation algorithms

### Texas Boys State Senator

Elected as a Senator for my Boy's State City; worked with other Senators to draft and pass the largest piece of legislation in living memory of Texas Boys State.

### National Rural and First Gen Recognition Program

### Dr. Ben Carson Scholar

### AP Scholar with Honor