

# Tyler Adam Martinez

## Software Engineer

(518)-366-0045 | tyleradammartinez@outlook.com | Ft. Worth, TX | LinkedIn

### WORK EXPERIENCE

**CodeStream Studios,** — Coding Instructor **NOV 2021 - PRESENT**

*I taught a REACT.js course at Seagoville High School (Dallas, ISD), and I taught a python lesson virtual through the CodeStream Studios online code editor.*

**HackUNT V,** — Officer & Web Developer **NOV 2021 - PRESENT**

*I organized volunteers and maintained the unthackathon.com code base.*

**UNT Robotics,** — Cofounder & Treasurer **AUG 2018 - AUG 2021**

*I manage all the budgets for the robotics projects and taught robotic workshops.*

**IEEE R5 Competition,** — Engineer **AUG 2019 - MAY 2020**

*I built the power distribution board that ran on 3 different logic levels and coded the program to controller motors on the bottom and arm of the robot from the single board computer*

**SofaBot,** — Engineer **MAY 2019 -AUG 2019**

*I created the entire schematic for the robot. Then wired and built the circuit to control the motors, lights, and electrical braking system.*

**HackUTD VI,** — Engineer

**(3rd Place Winner) (Best Use of ESRI Technology) (MLH- Best UiPath Automation Hack)**

*Pothole Project – Our project detects potholes and automatically fills out a report to the local DMV where the pothole was detected. (OpenCV, Python, UiPath API, ESRI API)*

**HackUNT III,** — Engineer

**(1st place winner in RESPEC sponsorship challenge)**

*ReStep - Our project is a pedometer counter, that takes the number of steps an employee walks, gets an average from all employees participating, and puts it as a tag for that specific location.*

*Then shows on the user where you rank in comparison to other office locations. (Java, Swift, HTML, CSS, Javascript)*

**Hacklahoma VI,** — Engineer

*Find-A-Group - Our project is a cross-platform application that allows users to instantly connect and chat with other users in their areas. (Vue.js, Node.js, Quasar Framework)*

**UNT,** — Robotics Tutor **OCT 2019 - JUL 2021**

*I created electronics and software workshops and advised senior design groups.*

**NT Daily,** — Web Developer **AUG 2019 - JUL 2021**

*I maintain the school newspaper's website and create graphic designs.*

### EDUCATION

**University of North Texas**  
**Computer Science**  
**2023**

**Denton, Texas.**

### TECHNICAL SKILLS

- React.js
- Node.js
- Firebase
- Google Cloud Services
- Heroku
- C/C++ 21
- Python 3.9
- HTML 5 / CSS 3
- JavaScript ES6
- Rust

### SOFT SKILLS

- Attention to detail
- Teamwork
- Organization
- Communication
- Creativity
- Training& Teaching
- Time management