

# Aidan Hanna

512.221.4493 • 1609 Johnny Miller Trl, Austin, TX • hanna2@rpi.com • <https://aidanhanna.github.io/>

## EDUCATION

---

### Rensselaer Polytechnic Institute

*Candidate for Bachelor of Science in Electrical Engineering - May 2023*

- GPA: 3.86
- Relevant Courses: Computer Science, Multivariable Calculus, Differential Equations, Linear Algebra, Electric Circuits, Embedded Control, Data Structures, Engineering Probability
- Awards: Rensselaer Leadership Award Scholarship, Dean's Honor List Fall 2020/Spring 2021

### Westlake High School

*May 2020*

- GPA: 106.5, ACT: 36/36
- Graduated Summa Cum Laude
- Relevant Courses: Physics C Mechanics, AP Physics C Electricity and Magnetism
- Awards: National Merit Commended Scholar, National AP Scholar, AP Scholar with Distinction

## EXPERIENCE

---

### Omega Lab Engineering Design Project - Rensselaer Polytechnic Institute

*January 2021 - May 2021*

- Independently designed and constructed circuitry for a sun-tracking solar panel using exclusively hardware components (primarily operational amplifiers)
- Worked with signal processing at the gate level and conversion between digital and analog signals

### Marching Band

*August 2016 - May 2020*

- Marched in the 2017 national Tournament of Roses Parade
- Competed in local and state contests in trumpet

### 20th Annual Samaritan Cup

*August 2019 - November 2019*

- Organized non-profit golf tournament benefiting Samaritan Center's Mental Health Programs for Children, Families, and Veterans
- Created website and developed graphics to promote publicity for the tournament: <https://bit.ly/2IhB0Eo>

### Aggie STEM Honors Program - Texas A&M University

*July 2018 - August 2018*

- Studied the influence of morphology on electrochemical and capacity performance of open-porous structured electrodes in a laboratory setting
- Explored advanced topics in STEM disciplines (statistics, smart systems, atmospheric science, and engineering design)

## RELEVANT SKILLS

---

- Technical: Proficient in C++, C, Python, HTML, CSS, Javascript, Matlab, AutoCAD, Siemens NX, LTSpice, Digilent waveforms; Familiar with Java, Google Suite; Exposure to Arduino
- Languages: Fluent in English; Conversational in Spanish
- Laboratory: Proficient with multimeters, oscilloscopes, function generators; Familiar with cyclic voltammetry

## INTERESTS

---

- Robotics, origami, crocheting, sketching