

# S. June Chuang

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## Education

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### University of Texas at Austin

Bachelors of Science, Mechanical Engineering Honors

GPA: **3.87**

Major GPA: **3.963**

*\*denotes expected graduation date*

### Carroll Senior High School

Salutatorian

Fall 2021- Spring 2025\*

Fall 2016 - Spring 2021

## Relevant Coursework

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<b>ME 340</b>	- Mechatronics and Circuit Design
<b>ME 330, 314T</b>	- Fluid Mechanics, Thermodynamics
<b>ME 334</b>	- Materials Engineering
<b>EM 306, 319</b>	- Statics, Solids
<b>ME 302</b>	- Engineering Design
<b>ME 355, SDS320</b>	- Engineering Statistics, Elements of Statistics

## Professional Experience

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### University of Texas at Austin Fire Lab

*Undergraduate Research Assistant*

- Performed SEM/EDX material characterization, experimental development, and quantitative thermodynamic analysis
- Designed and manufactured basic experimental equipment
- Repaired, inventoried, and organized various lab machines

### Loredo Hand Specialists

*Intern – Surgery and Private Practice*

- Developed interpersonal relationships with patients
- Trained in operating room practice; observed various upper extremity surgeries

## Projects

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### Windmill Generator

- Constructed an analog circuit to convert and process AC signals to DC output
- Designed and fabricated a windmill via additive manufacturing

### Palm Spinner

- CAD/CAM designed and manufactured using CNC, injection, additive manufacturing, and laser cutting

## Skills

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- CAD/CAM (Solidworks, AutoCAD, Fusion360)
  - Injection, CNC, and additive manufacturing
  - Analog electrical circuit design
  - Proficient in Java, Matlab, HTML, R
  - SEM and EDX operation and analysis

## Additional Information

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**Interests:** Thermo-fluid flows, advanced materials engineering, watercolor, skateboarding

**Work Authorization:** Eligible to work in the United States, with no restrictions