

Stephen “June” Chuang

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Education

University of Texas at Austin Fall 2021- Spring 2025*
Bachelors of Science, Mechanical Engineering Honors
GPA: **3.87**
Major GPA: **3.963**
**denotes expected graduation date*

Carroll Senior High School Fall 2016 - Spring 2021
Salutatorian

Relevant Coursework

ME 340 - Mechatronics and Circuit Design
ME 330, 314T - Fluid Mechanics, Thermodynamics
ME 334, 336 - Materials Engineering, Materials Processing
EM 306, 319 - Statics, Solids
ME 302 - Engineering Design
ME 355, SDS320 - Engineering Statistics, Elements of Statistics

Professional Experience

University of Texas at Austin Fire Lab Summer 2023 - Present
Undergraduate Research Assistant

- Performed SEM/EDX material characterization, experimental development, and quantitative thermodynamic analysis
- Conducted solo research on synthetic jets
- Designed and manufactured basic experimental equipment, repaired

Loredo Hand Specialists Summer 2020
Intern – Surgery and Private Practice

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

Projects

Windmill Generator Spring 2023

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

Palm Spinner Spring 2022

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

Skills

- 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

Interests: Thermo-fluid flows, advanced materials engineering, industrial processing, watercolor

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