**JULIAN LEE**

**Mechanical Engineer**

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| **LeTourneau University, Longview, Texas**  Expected Graduation: Spring 2023   * GPA 3.82/4.0, Dean’s List * Bachelor of Science in Mechanical Engineering * ABET Accredited * NCAA Division III Men’s Tennis   **LaCueva High School, Albuquerque, New Mexico**  2015-2019   * GPA 4.5/4.0 * Honors and AP Courses * Varsity Tennis   **RELEVANT COURSES** | **LeTourneau University Scholarship Recipient**   * Dean’s Scholarship * Trustee’s Scholarship * Honor’s College Scholarship * Heritage Scholarship Candidate   **American Southwest Conference**   * ASC Division III Player of the Week * 2019-2020 LeTourneau University Newcomer of the Year   **Intercollegiate Tennis Association**  **Scholar-Athlete**   * 2019-2020 Academic Year   **PROJECTS** |

# EDUCATION HONORS & AWARDS

* Calculus III
* Intro to Engineering Practice I,II
* Physics I,II
* Differential Equations
* Mechanical Design (Creo)
* Engineering Project Management
* Computer Science 1

# WORK EXPERIENCE

**Sandia National Laboratories**

## Student Intern Program, R&D Mechanical Engineer

Summer 2020 Albuquerque, NM

* Used solids modeling to optimize and reconstruct 3D models
* Implemented mechanical design skills in a team setting

# SKILLS

* CREO Parametric, SolidWorks
* Autodesk Maya, Rhinoceros 3D
* Proficient with MS Word, PowerPoint, Excel
* Introduction to C++
* Adobe Photoshop

## Augmented Reality CAD Modeling

Sandia National Laboratories

* Optimized CAD models to be rendered for augmented reality headsets
* Used Rhinoceros 6 and Maya for 3D modeling

## 3D Additive Printer

LeTourneau University

* Built a 3D additive printer from piece parts
* Utilizing electrical soldering, software programming, and mechanical assembling
* Printer will be used for design projects throughout undergraduate program

## Project Airflow Ventilator

LeTourneau University

* Objective: design a low-cost, portable ventilator for emergency transfer patients within a $200 budget
* Incorporated all aspects of the engineering design process
* Involves 3D design and printing as well as Arduino programming

# OTHER INFORMATION

References Available Upon Request

US Citizen