Sangjin Lee

Marietta, GA, 30062 | (678) 428-5058 | slee3138@gatech.edu| F-1 student

Objective

Studious and self-driven mechanical engineering students prospecting for an internship position in order to realize self-potential while dedicating to company's vision and values.

Education

Georgia Institute of Technology | Atlanta, GA *August 2020 – Present*
Candidate for Bachelor of Science in Mechanical Engineering Expected Graduation, May 2022
- GPA 4.00
-Faculty Honors List (Fall 2020)

Kennesaw state university| Marietta, GA *August 2017 – December 2017,*
- GPA 4.00 (Major: in Mechanical Engineering) *January 2020 – May 2020*
- President's List (Fall 2017, Spring 2020)

Skills

Software: SolidWorks-CSWA Certification (at the level of Associate) (July 2020)

Experience

Army Aviation Operations Command, and 105th Air Battalion| Republic of Korea *February 2018 – October 2019*
Attack Helicopter Technician, Sergeant Squad Leader, assistant instructor

- In accordance with the instructions of a maintenance officer or technical inspector, maintenance of the helicopter field and maintenance assistance, exchange of aircraft repair parts, and adjustment of various control devices are performed.

Projects

3D CAD Modeling -Engineering Graphics (EDG 1211/2) *Spring 2020-May 2020*

- The project measured the average body, and human factors elements of people who will ride the product to be designed, and engineered a Gyrosphere that can stably ride a person.
- Realized that even the smallest parts, precise dimensions play a critical role when it comes to making an overall single finished car.

Mechatronics and Mechanical Design - Creative Decisions and Design (ME 2110) *Spring 2021-Present*

• Learning the essential details of analyzing, synthesizing, and implementing design solutions using Quality Function Development, NI MyRio software, and woodworking and machining skills in order to build a robot that adheres to mandatory construction constraints and is able to complete a multitude of predetermined tasks

Design of Positioning System to Enhance Collection of Cerebrospinal Fluid from Rodents *Spring 2021-Present*

- Designing a physical restraint system to enable rapid, highly reproducible collection of cerebrospinal fluid (CSF) from mice.
- In collaboration with Emory University, we aim to design an apparatus to finely and repeatably position mice for sample collection.

Leadership or Activities

American Institute of Aeronautics and Astronautics| Atlanta, GA *December 2020 – Present*