

TK**TAEGYU KANG**

US PERMANENT RESIDENT

## PROJECT LINKS

- [HTTPS://TAEGYU87.GITHU  
B.IO/CV/](https://taegyu87.github.io/cv/)
- [HTTPS://WWW.DROPBOX.  
COM/S/21EJ64VUU07DD9  
B/TAEGYU%20KANG%20-  
%20PORTFOLIO.PDF?DL=0](https://www.dropbox.com/s/21EJ64VUU07DD9B/TAEGYU%20KANG%20-%20PORTFOLIO.PDF?DL=0)

## SKILLS

**HTML, CSS, JavaScript, Bootstrap, jQuery, MATLAB, EES, SolidWorks, Fluent, LabVIEW, CAD, CFD, FEA, Thermal Simulation, Structural Simulation, Fluid Mechanics, Thermodynamics, Heat Transfer**

## EXPERIENCE

### **GRADUATE RESEARCHER • GEORGIA INSTITUTE OF TECHNOLOGY • DATES FROM AUGUST 2015– TO AUGUST 2019**

Shock Tube and Advanced Mixing Laboratory  
Design, fabricate, and test robust heat exchangers for 800° C Operations with Supercritical CO<sub>2</sub>. Identify geometric factors that impact pressure drops. Assess and evaluate heat exchanges and gas property exchanges through the heat exchanger.

### **RESEARCHER • GEORGIA INSTITUTE OF TECHNOLOGY • DATES FROM JANUARY 2013– TO DECEMBER 2014**

Consortium for Energy Efficient Thermal Management Laboratory  
Leveraged advanced understanding of fluid dynamics to improve data center cooling efficiency. Enhanced airflow through both floor and ceiling. Collaborated with external agencies and organizations to improve research programs.

## EDUCATION

**MASTER OF SCIENCE • MAY 2019  
• GEORGIA INSTITUTE OF TECHNOLOGY**  
Mechanical Engineering (GPA: 3.9/4.0)

**BACHELOR OF SCIENCE • MAY 2019  
• GEORGIA INSTITUTE OF TECHNOLOGY**  
Mechanical Engineering (GPA: 3.9/4.0)



TAEGYU87@GMAIL.COM



WWW.LINKEDIN.COM/IN/TAEGYU-KANG/



404-654-7907