

ANDREW STACK

1744 Stevens Dr. Glenview, IL | (847) 507-9063 | astack321@gmail.com | Twitter: @AndrewStack_ | linkedin.com/in/stackandrew/

Education

Saint Louis University, Parks College of Engineering, Saint Louis, MO Fall 2020 – Present
Bachelor of Science, Mechanical Engineering

Internship Experience

NASA MOSGC, Saint Louis, MO August 2021 – Present

- Designed an Arduino-based modular data acquisition application for liquid and hybrid rocket engines
- Develop and present formal research reports on rocket sub systems and circuit layouts to advising professor

Experience

Regional Business Council Mentor Program, SLU, Saint Louis, MO October 2020 - Present

- Paired with a top executive in St. Louis area
- Mentored on starting career and networking

Formula Society of Automotive Engineers, SLU, Saint Louis, MO August 2020 – Present
Treasurer

- Develop and present team budgets, and collaborate with sponsors
- Manage the chassis and welding team
- Design and manufacture a 600cc engine race car

Home Depot, Glenview, IL May – August 2020
Fulfillment Associate

- Coordinated deliveries and staged online orders
- Resolved delivery issues for customers and contractors

Service and Community Engagement

Titan Violins, Glenview, IL August 2018 – May 2020
Founder

- Designed and 3D printed full-size violins
- Distributed violins to students who demonstrated need in Chicago

Glenview's Got STEAM, Glenview, IL November 2017 – May 2020
Board Member

- Taught monthly workshops to middle school students interested in engineering
- Developed and implemented lesson plans to promote engineering through STEAM-based projects

Technical and Language Skills

- Autodesk Inventor/Fusion 360, Solidworks, MATLAB, 3D Printing
- Milling, Welding, Design, Fabrication
- Illinois Seal of Biliteracy, German