

GARY R. KANYUH

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EDUCATION

University of Illinois at Urbana-Champaign
Bachelor of Science in Aerospace Engineering

Expected May 2028
GPA: 3.41/4.00

Related Coursework:

Computer Aided Design Mechanics Electricity and Magnetism Calculus 3

TECHNICAL SKILLS

CAD: Autodesk, Fusion360, ANSYS, SolidWorks, KiCad
Programming Languages: Java, MATLAB, Python, Excel
Tools: Soldering, 3D Printing, Power Tools
Spoken Languages: Spanish and English

WORK EXPERIENCE

Fresh Thyme Market
Deli Lead

Joliet, IL
May 2025 – Present

- Led in daily operations, developed teamwork and time management skills.
- Provided Customer service in a fast-paced environment while balancing school commitments

PROJECT HIGHLIGHTS

Newton's Cradle Parade Float | UIUC ASME |

August 2024 – October 2024

- Designed and built a structural system to support a large Newton's Cradle demonstration for a university parade float
- Collaborated with a 4-member team, gaining project management and design experience.

Rocket Filter: Finite Element Analysis

February 2025

- Developed a multi-layered CAD model of scaled rocket filter
- Created a model in ANSYS Mechanical to simulate random vibrations
- Improve knowledge on simulation tools and data analysis to improve engineering designs

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Illinois Space Society

Champaign, IL

Spaceshot: Structures and Avionics Engineer
August 2024 – Present

- Collaborate with fellow engineers to accomplish a collective goal
- Working in Teams exceeding five and communicating changes to other sub teams
- Conduct data analysis and research on previous amateur rocketry iterations.

Intramurals & Run club

Champaign, IL

Intramural Soccer: Co-Captain
August 2024 – Present

- Met a group of fine students and started a team to compete in intramural soccer with other school teams

Run Club: Member

August 2025 – Present

- Gathering once a week to run 2 miles with up to 100 other students