

Nathan Ryan

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OBJECTIVE: To obtain a Mechanical or Aerospace Engineering Co-op Work Assignment **Availability: Spring & Fall of 2025**

EDUCATION: **The University of Akron, Akron, Ohio** **August - 2021-Present**

- Candidate for Bachelor of Science, Mechanical Engineering May 2026
- Minor Business Administration for Engineer Majors
- Overall Grade Point Average: 2.91/4.0

SKILLS:

Microsoft Office	MATLAB	DaVinci Resolve	Sauntering
SolidWorks	Autodesk Inventor	Adobe Photoshop	Laser Engraving
Siemens NX	3d Printing	FDM	Minitab

EXPERIENCE:

PCC Air Foils LLC, Minerva, Ohio

Product Engineer Co-op (40 hours a week) 8 months total
2024

May 2023 - Aug 2023 & May 2024 – August

- Analyzed scrap yield and cause for parts in production leading to reduction of waste
- Developed solutions to reduce scrap via CAD modeling, procedural updates, or experimental trials
- Participated in daily and weekly engineering meetings to discuss production strategies
- Led a comprehensive Co-op effort to improve the inventory management process
- Collaborated with customers and vendors to enhance product reliability and satisfaction

Portage Country Club, Akron Ohio

Caddie/Bag room Attendant

2017 - Present

- Provided exceptional customer service by managing and cleaning clubs and offering advanced golfing tips
- Managed the opening and closing of the golf course, ensuring smooth daily operations.

Engineering Student Council, The University of Akron, Akron, Ohio

Outreach Coordinator

August 2021 - Present

May 2022 – May 2024

- Organized and led 4+ educational events for K-12 schools impacting over 200 students in STEM education
- Acted as the primary point of contact for external schools interacting with the student council
- Led a team of engineers in planning volunteer opportunities and community events

Secretary

May 2024 – Present

- Managed meeting agendas, tracked attendance, and organized digital collaboration via Microsoft Teams

National Society of Engineering Student Council (NAESC), Non-Profit Organization, U.S.

Board of Directors Member

May 2023 - Present

- Facilitated and governed the operations of NAESC, ensuring alignment with organizational goals
- Participated in financial and governance committees, overseeing budget decisions and organizational structure
- Mentored emerging student leaders within NAESC to foster leadership and development

Vice President of Finance:

May 2024 - Present

- Responsible for all financial transactions, accounts, statements, and integrity on behalf of the non-profit organization
- Lead regional teams, aligning tasks and objectives with NAESC's core values and goals
- Present to the Board of Directors for transparency and accountability, and hold a position as board member

OTHER ACTIVITIES:

- Church Youth Group Leader & Men's Discipleship group

INTERESTS:

- Golf, 3d printing, robotics, chess, video editing, gym, hiking, and bowling