

MATT POTESHMAN

mpoteshman1@gmail.com · (321) 263-9009 · Winter Park, FL · [Linkedin.com/in/Matt-Poteshman/](https://www.linkedin.com/in/Matt-Poteshman/)

EDUCATION

University of Illinois at Urbana-Champaign August 2021 - May 2025
BS in Mechanical Engineering, Minor in Computer Science Cumulative GPA: 3.81/4.00

Relevant Coursework:

Materials Fundamentals, Fluid Dynamics, Thermodynamics Dynamics of Mechanical Systems, Mechanics of Materials, GD&T, Design for Manufacturability, C++ Programming, Data Structures

WORK EXPERIENCE

Construction Eng. Research Lab - U.S. Army Corps of Engineers January 2024 - Present
Incoming Robotics / Mechanical Engineering Research Assistant Champaign, IL

Texas Instruments May 2024 - August 2024
Incoming Equipment Engineering Intern - CMP Tooling Dallas, TX

Lockheed Martin Corporation May 2023 - August 2023
Test Engineering Intern - Missiles & Fire Control Division Orlando, FL

- Implemented NI LabVIEW and TestStand program that automates test station self-test sequences
- Initiated Purchase Requisitions for over 14k individual parts, totaling \$2.35M in test equipment
- Reviewed test equipment drawings and bills-of-material to capture the parts required for building new units of production plant equipment, supporting program ramp-up
- Redlined As-Built engineering documents to reflect mechanical and electrical changes

Grid-X Partners May 2022 - August 2022
Consulting Intern - Energy Industry Remote

- Streamlined the action tracking and completion process to meet closure deadlines for regulatory filing
- Spearheaded IT audit information collection, ensuring compliance with DOE cybersecurity requirements
- Researched modern grid technologies and infrastructure to safely handle the increased regional penetration of electric vehicles, distributed energy resources, and renewable energy demands

ORGANIZATIONS

Mechanical Engineering Honors Society - Pi Tau Sigma February 2022 - Present
External Vice President, Design Project Lead Champaign, IL

- Coordinated team of engineers to design a demonstration for annual Engineering Open House event
- Performed cost analysis to construct a mini bulldozer-forklift and designed parts for FDM

FIRST Robotics Competition & FIRST Lego League August 2015 - Present
Mentor, Volunteer, and Alumnus Champaign, IL & Orlando, FL

- Supporting youth in STEM through mentorship and volunteering in my communities
- Worked with various age groups, primarily elementary and high school-aged students

Triangle STEM Brotherhood September 2021 - Present
External Vice President, Makerspace Director, Treasurer & 4 Other Roles Champaign, IL

- Communicated with alumni, undergraduate, and industry stakeholders to determine makerspace equipment decisions, establish management procedures, and create safety policy
- Achieved 97%+ collection rate as Treasurer through planning and persistent member communication

SKILLS

CAD Software	PTC Creo, Solidworks, Siemens NX, Autodesk Inventor
Other Software	Microsoft Excel, Confluence, Windchill, Visual Studio Code
Languages & Frameworks	C++, NI LabVIEW, Python, JavaScript, Java, LaTeX