

# MATT POTESHMAN

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## EDUCATION

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**University of Illinois at Urbana-Champaign**  
BS in Mechanical Engineering, Minor in Computer Science

August 2021 - May 2025  
Cumulative GPA: 3.76/4.00

### Relevant Coursework:

Fluid Dynamics, Thermodynamics, Dynamics of Mechanical Systems, Mechanics of Materials, Geometric Dimensioning and Tolerancing, Design for Manufacturability, C++ Programming

## WORK EXPERIENCE

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**Lockheed Martin Corporation**  
*Test Engineering Intern - Missiles & Fire Control*

May 2023 - August 2023  
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 BOMs to capture the parts required for building new units of production plant equipment, supporting program ramp-up
- Redlined engineering documents to reflect mechanical and electrical changes

**Grid-X Partners**  
*Consulting Intern - Energy Industry*

May 2022 - August 2022  
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

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**Triangle STEM Brotherhood**  
*External Vice President, Makerspace Director, Treasurer & 4 Other Roles*

September 2021 - Present  
Champaign, IL

- Overseeing 11 Chairs as EVP, working with each to establish semester goals and expectations
- 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
- Worked with alumni board to restructure the chapter budget amid a \$4.5+ million renovation project

**Mechanical Engineering Honors Society - Pi Tau Sigma**  
*External Vice President, Design Project Lead*

Feb 2022 - Present  
Champaign, IL

- Led 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**  
*Mentor, Volunteer, and Alumnus*

August 2015 - Present  
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

## SKILLS

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### 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