

Matthew Jones

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EDUCATION

Lehigh University , Bethlehem, PA Bachelor of Science in Mechanical Engineering	Graduation: May 2027 GPA: 3.46
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La Salle College High School , Wyndmoor, PA National Honors Society, Presidential Scholarship, Academic Excellence Award 4-year member of Varsity Soccer/Volleyball, 5x PCL championship	Graduation: May 2023 GPA: 4.49
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RELATED EXPERIENCE

Internship at Warren Controls , Bethlehem, PA	June 2025 – August 2025
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- **Independently managed the full lifecycle of engineering projects**, including design, testing, sourcing, and implementation.
- Created CAD models and technical drawings to support product development and manufacturing improvements.
- Conducted hands-on testing and quality assurance to validate designs and ensure compliance with specifications, collaborated with engineers, suppliers, and cross-functional teams, gaining **professional real-world experience in teamwork and project execution**.

3D Printing Company

McMaster 3D, Langhorne, PA	June 2021 – July 2021
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- Contributed to the maintenance and assembly of 3D printers and ensured the seamless operation of existing machines by conducting regular maintenance and troubleshooting, while also assisting in the assembly of new printers

ADDITIONAL EXPERIENCE

Founder of Handcrafted Creations (Instagram: mjhandcraftedcreations)	2021 – Present
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(Website: [mattcj2014.github.com](https://github.com/mattcj2014))

- Developed a small business and managed all aspects, including designing, creating, marketing, and sales of customized wooden crafts
- Communicated with clients to determine ordering needs and costs
- Leveraged multiple techniques including automated laser engraving and cutting, CAD design/prototyping, electrical soldering and wiring, and 3D printing to satisfy customer requests
- Designed, programmed, and built custom CNC machine for woodworking projects
- Communicated with clients to determine ordering needs and costs
- **Project portfolio available upon request!**

LEADERSHIP / PROFESSIONAL ORGANIZATION

Head of CNC Operations LSCHS Robotics Club LaSalle College High School	August 2021 – May 2023
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- Managed and oversaw operation of our CNC router, including CAD design and CAM development
- Taught students how to design and machine parts on the CNC router with workshops/lessons.

CAMPUS / COMMUNITY INVOLVEMENT

Lehigh Alliance of BattleBots Lehigh University Robotics Club	August 2023 – Present
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SKILLS

- Extensive 3D printing knowledge and experience
- Manufacturing, Machining, CNC, and extensive woodworking skills
- SOLIDWORKS CAD Design Associate Certified, Fusion 360
- Software: JavaScript, Python, G-Code,