

# Brian Joseph Lesko

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## SUMMARY

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Looking for process ownership and fundamental first principles engineering. My strengths are solving complex engineering problems and driving improvement in both human and machine systems. I am a generalist engineer that can do anything, but I specialize in robotics systems and process automation. I keep up to date with tech news and love piloting new technology.

## EDUCATION

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### Masters in Engineering

The Ohio State University, 3.7 gpa, specialization in robotics and automation, Columbus, OH

### Bachelor's in Mechanical Engineering

The Ohio State University, 3.4 gpa, honors engineering and honors research, Columbus, OH

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## EXPERIENCE

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### Robotics Automation Engineer III

Sherwin Williams

Aug 2023 – June 2025   Cleveland, OH

*Sherwin Williams is a multinational corporation leading the paint and coatings industry.*

- Drive process optimization in an automated paint formulation laboratory. Decreased human intervention by hours/day.
- Integrate various cross industry technologies such as drug and pharmaceutical manufacturing equipment.
- Train a team of technicians, lead engineering projects, and coordinate with a team of polymer & data scientists.

### Software Developer

Crystal Clear

Sep 2019 – Present, Columbus, OH

*Crystal Clear cleans hospitals and universities for better workplaces all across Ohio. Family owned since 1989.*

- Automated PTO & inventory processes. Full stack ownership of website and automated systems.
- Implemented remote inventory management. Troubleshoot the code plus operational and supply chain logistics.
- Lead IT administration and IT infrastructure as well as investment opportunities in robotics and automation tech.

### Research Associate

The Ohio State University

Aug 2021 – Aug 2023, Columbus, OH

*The Ohio State University provides higher level education as Ohio's most prestigious public college.*

- Defined critical infrastructure requirements for a nuclear plant cooling design, integrating metrics to mitigate failure
- Developed a data-driven engineering aptitude assessment to evaluate prospective control system software hires
- Supervised 6 student engineering design teams. Focused on prototyping for manufacturing.

### Mechanical Engineer

Flexrack by QCells

May 2019 – Aug 2019, Youngstown, OH

*Flexrack by QCells offers commercial solar panel racking solutions.*

- Reduced reliance on labor by automating the quoting process. Quote lead time was cut in half, saving hundreds of hours.
  - Increased customer acquisition and profitability by slashing custom manufactured steel, also reducing lead time.
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## CONTINUED EDUCATION AND SKILLS

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### Machine Learning 6500

- Led my team to 1st place in the final exam / competition hosted on Kaggle. Exceeded the test accuracy of the research paper.