

# ELI MICHAEL BUKOSKI

Electrical Engineering | CS Minor

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Waterford, PA 16441



## SUMMARY

Focused and analytical-minded electrical engineering student, offering a working knowledge of robotics and electrical systems and an internship experience in automation and manufacturing. Leveraging critical thinking and adaptive skills to contribute to complex workflows efficiently.

## EDUCATION

### The University of Akron

Candidate for BS in Electrical Engineering and  
Minor in Computer Science  
Williams Honors College  
2023 Presidents List  
GPA 3.88/4.0  
August 2023 - Present

### Fort LeBoeuf High School

GPA 4.31/4.0  
Fall 2019 - Spring 2023

## SKILLS

- Schematic and PCB Design
- Soldering, and Wiring
- AutoDesk AutoCAD and Inventor
- Python, C++, Ladder Diagram Programming, and KRL
- FDM and SLA 3D Printing and Setup
- Automation Cell Setup via PLC, Robotic Arm, Pneumatics, and Hydraulics
- Injection Molding Machine Operation - Ls Mtron, and Milacron
- Google Drive/Microsoft 360

## AVAILABILITY

Available for full-time co-op/internship during:

- Summer of 2025
- Spring Semester of 2026
- Fall Semester of 2026
- Summer of 2027

## EXPERIENCE

### Automation Engineer Intern

Tech Tank LLC, Erie, PA | June 2022 - August 2024 (Summers)

- Design and construct automation cells
- Program 6 axis arm and cartesian robots
- Design robot end-of-arm tooling
- Electrical work including panel design and high voltage wiring (480v 3PH)
- Set up hot runner mainframes and wiring harnesses

### Business Owner

LeBoeuf Lasing, Waterford, PA | March 2020 to Present

- Create customized woodworking projects with personalized laser engraving
- Sell and market items through self-hosted website, Etsy, social media, and within Edinboro and Waterford storefronts
- leboeuflasing.com

### CNC Operator

Bison Hill Stonecrafts, Erie, PA | 2020-2022 Part Time

- Produced parts on CNC machines
- Resupplied materials and finished products
- Packed and shipped final products

## ACTIVITIES - HONORS

University of Akron

- NASA RMC Robotics Club - 2023 to Present - Electrical Subteam Lead
- Scholarships: Honors, Presidential, Akron Advantage, & Akron Experience

Fort LeBoeuf High School

- Gifted Program
- Bison Tech Robotics - competed at State and World levels
- Sports: Cross Country, Track and Field, and Golf
- National Honor Society
- Governor's STEM Project
- TEAMS member
- Bison Ambassador
- Senior Math Award and Computer Science Award
- Scholarships: Oberlander, Nancy Cross, Middle School PTO, Waterford Elementary PTO & Northwest PA NTMA