

# Elliot Luman

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## EDUCATION

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- The Ohio State University, Columbus, OH** *May 2026*  
B.S. in Computer Science and Engineering
- Olentangy Orange High School, Lewis Center, OH** *May 2022*  
Summa Cum Laude, 4.24 GPA, 36 ACT

## TECHNICAL SKILLS

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- **Programming Languages:** Proficient in Python, Java, C, C++, HTML/CSS; familiar with JavaScript, TypeScript, Ruby, MATLAB, SQL, x86-64 assembly
- **AI/ML:** YOLOv8, RAG pipelines, LangChain
- **Tools and Frameworks:** Agile Scrum Development, VS Code, Linux CLI, gdb, Eclipse, Solidworks, Jupyter, Google Colab, Git

## EXPERIENCE

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- Jumpmind, Columbus, Ohio • Sales Engineering Intern** *June–August 2025*
- Designed an AI-powered RFP assistant using RAG, enabling sales engineers to generate tailored responses faster and improving client turnaround and demo readiness.
  - Benchmarked open-source and commercial LLMs (GPT-4o, Llama 3, Claude) for enterprise sales scenarios; produced comparison matrix to guide decision on model adoption.
  - Designed and implemented an interactive slider module that enhanced sales demo functionality and improved customer engagement.

## PROJECTS

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- AI License Plate Recognition**
- Built Python pipeline integrating YOLOv8 detection and OCR to identify license plates from live security feeds, achieving >90% accuracy and real-time Pushover alerts to mobile devices.
- Star Wars Breakout Game**
- Developed C-based Star Wars-themed breakout game with graphics and collision detection; won First Place among 12 teams in OSU Software Design Showcase.
- SealBot Airport Robot**
- Programmed embedded C++ control system for autonomous airport-service robot; successfully navigated obstacle course with 100% task completion rate in competition trials.
  - Engineered underlying robot, from inception using Solidworks through to final development.

## LEADERSHIP AND EXTRACURRICULARS

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- Baritone, Ohio State University Marching Band** *August 2023–Present*  
Selected for one of the nation's premier collegiate marching bands, performing at venues including Ohio Stadium, Rose Bowl Stadium, AT&T Stadium, Progressive Field, and Muirfield Village Golf Club.
- Vice President For Membership, Tau Beta Sigma** *December 2022–May 2026*