

# Casen Ward

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## EDUCATION

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**Ohio University, Russ College of Engineering and Technology** | Athens, Ohio

Expected Graduation – May 2028

*Bachelor of Science*

Majors: Computer Science, Artificial Intelligence

3.835 GPA

## EXPERIENCE

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**Ohio University** | Athens, Ohio

September 2025 - Present

*Student Systems Engineer and Architect*

- Selected as 1 of 3 Ohio University Students to build a Student Systems Engineering team.
- Collaborated with faculty and peers to develop innovative solutions for real-world infrastructure challenges.
- Applied principles of systems engineering to model, analyze, and optimize complex systems across academic and operational domains.
- Utilized Jira for task tracking, sprint planning, and cross-team collaboration in an agile environment.

## PROJECTS

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**Stock Consensus Calculator**

- Developed a Python-based backend service that aggregates analyst ratings from multiple free APIs (Yahoo Finance, Finnhub) to generate consensus recommendations (Strong Buy, Buy, Hold, Sell).
- Implemented fundamental and momentum-based financial equations (P/E ratio, P/B ratio, Book Value per Share, moving averages) to enhance decision accuracy.
- Designed modular architecture with clear separation of concerns (APIs, services, models) for maintainability and scalability.
- Integrated with a lightweight frontend to allow users to input stock tickers and receive real-time consensus results.
- Applied version control with Git/GitHub, collaborating through branch workflows and pull requests to maintain code quality.

**Photography and Videography Portfolio Website**

- Designed and developed a responsive portfolio site for a photographer/videographer using HTML and CSS.
- Implemented custom UI components including a dynamic image carousel, interactive gallery, and branded navigation bar for engaging user experience.
- Collaborated directly with the client to gather requirements and tailor the final product to their vision, ensuring a personalized and professional outcome.

## Skills

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Programming Languages: C++, Python, HTML, CSS

Version Control: Git