

# Walker Todd

Computer Science

## CONTACTS

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- <https://github.com/WalkerHTodd>

## EDUCATION

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**2021 - 2025**

James Madison  
University  
Bachelor's

## SKILLS

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- Java
- Python
- HTML
- ROS2
- JavaScript
- Github
- Docker
- Ruby
- Haskell
- Rust

## PROFILE

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Hi, I am a Computer Science major and a robotics minor, at James Madison University, passionate about software development and robotics.

## WORK EXPERIENCE

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**Undergraduate Researcher | JMU, GMU**

**May 2024 - August 2024**

- Collaborated with a multidisciplinary team to develop and test an autonomous golf cart (JACart 2), focusing on sensor integration and ROS2-based navigation
- Implemented a UI front and backend system and also consolidated the project in Docker
- Conducted extensive testing and data analysis to refine the cart's autonomous functions, resulting in a successful demonstration

**Stocker | Walmart**

**May 2021 - Present**

- Collaborated with a team to efficiently stock and organize merchandise
- Assisted customers with locating products, enhancing customer satisfaction

## Campus Involvement

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**Competitive Programming | James Madison University**

**December 2022 - Present**

- Participate in coding competitions, applying problem-solving skills in real-time scenarios
- Collaborating with team members to develop efficient solutions

**Student Duke Club | James Madison University**

**August 2024 - Present**

- Engaging in fostering school spirit and supporting JMU athletics.

**Young Life | James Madison University**

**August 2022 - Present**

- Participating in faith-based activities aimed at building community among students.