

Joshua Swanson

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<https://github.com/swanso01>

## Summary

Dedicated Computer Science major at Houghton University with experience in programming, web development, and machine learning. Proven ability to collaborate effectively in teams to develop and implement solutions for real-world problems. Eager to apply technical skills and knowledge to a challenging and rewarding position in the tech industry.

## Skills

- Programming Languages: Java, Python
- Web Development: HTML, CSS, JavaScript, React Framework, Full-Stack Development
- Machine Learning: AI Model Creation, Training, and Evaluation
- Cybersecurity: Fundamentals, Cybercrime & Governance
- Mathematical Foundations: Discrete Mathematics
- Software Development Tools: Git (GitHub)
- Customer Service: Cash handling, customer interaction, age verification

## Experience

Bemus Point Market, Bemus Point, NY | Cashier | June 2021 - August 2024

- Provided excellent customer service, answering questions and assisting with product selection.
- Processed transactions efficiently and accurately, handling various payment methods (cash, credit, debit, etc.).
- Maintained a clean and organized work area.

## Projects

Machine Learning Group Project | CSCI 345 - Machine Learning

- Collaborated with a team to identify a real-world problem, select a suitable dataset, and preprocess the data for model training.
- Applied various machine learning techniques to train and evaluate models, gaining hands-on experience in the complete machine learning workflow.
- Presented project findings, including dataset selection, model development, results analysis, and potential improvements.

## Education

Houghton University, Houghton, NY | Bachelor of Science in Computer Science | Expected Graduation: May 2026

- Relevant Coursework:
  - CSCI 105: Intro to Cybersecurity
  - CSCI 170: Fundamentals of Web Coding

- CSCI 211: Programming I (Python)
- CSCI 218: Programming II (Java)
- CSCI 214: Discrete Mathematics
- CSCI 345: Machine Learning
- CSCI 295: Special Topics: Full-Stack Web Development
- CSCI 205: Cybercrime & Governance