

Tyler Bowman

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Education

University of Wisconsin-La Crosse

La Crosse, WI

Bachelor of Science, Computer Science & Mathematics

Senior | Expected Graduation: May 2026

Cumulative GPA: 3.73 | Dean's List, 6 Semesters

Technical Skills

- Programming: Java, C, Python, MySQL, SQLite, HTML, React.js, MIPS, Scheme, Prolog
- Machine Learning & AI: TensorFlow, AWS SageMaker, Google Vertex AI
- Tools & Systems: Git, Linux, TensorBoard, Eclipse, Python Libraries (Pillow, NumPy, pandas), Package Management (pip)

Experience

Seaweed Underwater Game Cameras

Hybrid - Minneapolis, MN

Software Developer Intern

May 2024 - Present

- Developed and deployed a custom AI model for Discovery Channel, meeting unique requirements under a 6-day deadline
- Work in collaboration with Cornell Lab of Ornithology to refine dataset strategy, incorporating expert guidance on species classification and test set diversity
- Utilize AWS SageMaker and Google Vertex AI for model training, evaluation, and deployment, optimizing workflows for large-scale image datasets
- Automate image preprocessing using Python, ensuring dataset compliance with model training specifications
- Process and label thousands of images, building robust datasets that strengthen model performance

Exceed Concrete

La Crosse, WI

Crew Leader

Summer 2023

- Led a concrete crew, ensuring high-quality workmanship, safety, and attention to detail on all projects
- Promoted efficiency and accountability by emphasizing proper task execution to minimize rework

Menards

La Crosse, WI

Outdoor Yard Team Member

Summer 2024

- Managed multiple responsibilities in a fast-paced retail environment, demonstrating strong adaptability and teamwork
- Delivered excellent customer service while maintaining stocked inventory, completing daily task lists, and ensuring a clean and organized work area

Other Accomplishments

- Recipient of Max Sparger WIAC Scholar-Athlete Award (2025)
- Recipient of the CSC Academic All-District Collegiate Football Player (2023, 2024)
- Captain of UW-La Crosse Football Team
- Founder of UW-La Crosse Football Team Bible Study
- Leader of a Weekly Christian Discipleship Group
- Valedictorian of Spring Valley High School