

Tristan Cravens

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EDUCATION

Illinois State University

Bachelor's of Science, General Computer Science

Normal, IL

August 2022-May 2026 (expected)

University of Stirling

Study Abroad Experience

Stirling, UK

September 2023-December 2023

WORK EXPERIENCE

School of Information Technology, Illinois State University

Professor's Assistant/Grader

Normal, IL

September 2024-Present

- Evaluated and graded assignments focused on C++ programming concepts and problem-solving.
- Collaborated with the professor to ensure grading consistency and fairness.
- Provided actionable feedback to improve student understanding of C++ syntax and data structures.

Blain's Farm and Fleet

Sales Associate

Bloomington, IL

October 2024 - Present

- Assisted customers with product selection and provided knowledgeable recommendations.
- Gained proficiency with BOPUS (Buy Online, Pick Up in Store) fulfillment system.
- Resolved customer concerns professionally and in accordance with company policies.

School of Chemical Sciences, University of Illinois

Receiving Associate

Urbana, IL

Summer/Spring/Winter Breaks 2022-2024

- Managed incoming deliveries and organized inventory efficiently.
- Verified order data to ensure shipping and transaction accuracy.
- Streamlined delivery methods, reducing labor hours through improved logistics.

LEADERSHIP & INVOLVEMENTS

Stirling Clansmen American Football

Cybersecurity Club

Trap and Skeet Club

Backcountry Hunters and Anglers (BHA)

University of Stirling

Illinois State University

PROJECTS

ESP32 Weather Station

- Developed a weather station using an ESP32 microcontroller and Arduino. The device tracks temperature and humidity and sends real-time updates via WhatsApp.

Social Media Product Discovery and Tracking System

- Collaborating with an interdisciplinary team at Illinois State University to develop a system that identifies emerging product trends for a large direct to consumer brand. The project spans Research & Analysis, Workflow Automation, and Scaling phases. Expected completion: Spring 2025.

Weather Research Application

- Designed a real-time weather research tool to aid storm chasers and meteorologists in the field. Features include NOAA data integration, user logbook and alerts. Continuously refining the application with feedback.

TECHNICAL SKILLS

Languages: Java, C++, SQL

Web & Software Development: HTML, CSS

Tools/Frameworks: Git, Linux, Arduino, SQLite

Certifications: AWS Cloud Practitioner (in progress)

Other: Agile/Scrum Methodology, Debugging & Troubleshooting, Object-Oriented Programming