

# Sydney Hannert

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## EDUCATION

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Rensselaer Polytechnic Institute, Troy, NY

**Master of Science (M.S.), Information Technology**

Expected May 2026

- GPA: 3.2
- Focus Track: Information Security

**Bachelor of Science (B.S.), Information Technology & Web Science**

May 2025

- GPA: 3.4
- Research Paper: *Women and Toxicity in Competitive Video Games*
- Member of Rensselaer Cybersecurity Collaboratory

## PROFESSIONAL EXPERIENCE

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Gilman Precision, Grafton, WI

Summer 2022 & 2024

*Spindle Assembly Lead*

- Assembled high precision spindles for blood centrifuge machines
- Operated bearing press and other assembly equipment
- Inspected and precision measured components to one micron to satisfy fit tolerances
- Serialized and logged test data for each spindle including details on temperature and vibration
- Trained new employees on each stage of assembly
- Coordinated requirements to maintain shipping schedule

## PROJECTS

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**Eventi: Event Planning Application**

Spring 2025

- Event creation, planning, and communication all in one place
- Allows groups to collaborate in real-time to edit itineraries, designate charges, and more
- Utilizes React.js, Node.js, Tailwind CSS, and PostgreSQL

**Fossil Collection Website: Field Museum of Natural History**

Spring 2024

- Showcases a collection of fossils from the Ordovician Period
- Includes organized information about the museum to attract visitors
- Features interactive maps to display the real-world locations of fossils in the collection

**Wind Data Visualization: NASA**

Spring 2023

- Displays a set of wind speed, temperature, and stress data provided by NASA
- Utilizes an application programming interface (API) to store the wind data
- Tables and graphs update dynamically based on data stored in the API

## SKILLS

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HTML/CSS, JavaScript, jQuery, C/C++, Python, MySQL, MongoDB, Node.js, React.js, PostgreSQL

**Certifications:** CompTIA Security+, Microsoft Azure AI Fundamentals