

# Sydney Hannert

shannert134340@gmail.com • (262) 470 0064 • <https://hannes2rpi.github.io/cool-website/>

## EDUCATION

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Rensselaer Polytechnic Institute, Troy, NY

Expected May 2025

*Bachelor of Science in Information Technology & Web Science*

- GPA: 3.4/4.0
- 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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Fossil Collection Website: Field Museum of Natural History

Spring 2024

- Showcased a collection of fossils from the Ordovician Period
- Organized information about the museum to attract visitors
- Developed interactive maps to display the location of fossils in the collection

Wind Data Visualization: NASA

Spring 2023

- Displayed a set of wind speed, temperature, and stress data
- Created an application programming interface (API) to store the wind data
- Implemented dynamically updating table and graph utilizing the wind values stored in the API

Apartment Finder

Fall 2022

- Organized information from local apartments to help students find off-campus housing
- Developed search and filter features to allow users to efficiently find housing that fits their requirements

## SKILLS

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

Certifications: Microsoft AI Fundamentals