

# Robert Kellems

Bloomington, IN  
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## EDUCATION

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**Indiana University**, Bloomington, IN

**GPA: 3.975/4.000, May 2023**

- *Bachelor of Science in Computer Science*  
Specialization: Artificial Intelligence
- *Bachelor of Science in Cognitive Science*  
Specialization: Cognition
- **Relevant Coursework:** Principles of Machine Learning, Data Analysis & Mining, Statistical Inference, Algorithm Design & Analysis, Database Concepts
- **Honors:** Dean's List, Founders Scholar, Murray Austin Goldstone Scholarship for Undergraduate Research in Cognitive Science

## TECHNICAL SKILLS

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**Languages:** Python, Java, R, SQL, C/C++

**Platforms:** Microsoft Windows, Linux

**Web Development:** HTML, CSS, JavaScript, PHP

**Other:** TensorFlow/Keras, Scikit-learn, Pandas, Matplotlib, Microsoft Excel, AWS, Git, Jupyter

## ACADEMIC PROJECTS

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**Auditory Segmentation Research**

**Fall 2022 - Present**

- Building an interactive web application which collects user data for the purpose of analyzing and modeling aspects of human sound perception

**JPMorgan Chase Data for Good Hackathon**

**Fall 2021**

- Applied various data analysis techniques in order to suggest potential investments for the improvement of disadvantaged schools in New York City

**Neural Networks for Sound Recognition**

**Spring 2021**

- Implemented several different deep neural network designs in order to classify environmental sound clips using Python and TensorFlow/Keras

## WORK EXPERIENCE

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**Target Corporation**, Bloomington, IN

**June 2022 - April 2023**

*Fulfillment Expert*

- Ensured efficient gathering and delivery of online orders by collaborating with fellow associates in an accurate and timely manner
- Interacted with customers by providing information and/or resolving any issues with their shopping experience

**USG Corporation**, Shoals, IN

**May 2019 - August 2019**

*IT Intern*

- Gained insight into the technological infrastructure underpinning a plant which is part of the largest gypsum manufacturing company in North America
- Transferred information from several hundred documents into a new database

## STUDENT INVOLVEMENT

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**WIUX Student Radio**, Bloomington, IN

**Fall 2019 - Present**

*Radio DJ, Assistant Analytics Director, IT Team*