

# Matthew Saad

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## EDUCATION

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### SUNY Brockport

BS. Computer Science/Mathematics

**Anticipated May 2024**

Brockport, NY

- Member of Honors College; 3.9/4.0 GPA
- Double Major with concentrations in Software Engineering and Statistics

## RESEARCH/THESIS

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### BrockportGPT

**Spring 2023 - Present**

- Leveraging state of the art advancements in AI to create a chatbot for all things SUNY Brockport related.
- Utilized different ideas such as RAG, fine-tuning, and training a 184M transformer model for the task.
- Achieved high performance with BrockportGPT, consistently delivering relevant responses to user inquiries.

## WORK EXPERIENCE

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### Excellus BCBS

**June 2022 – Present**

Data Science Intern

Rochester, NY

- Utilized NLP to drive innovative proof-of-concept projects collaboratively with other interns.
- Developed a recommendation algorithm, text summarizer, and different chatbots for internal and external use.
- Presented twice to executive leadership detailing the value proposition behind our projects.

### SUNY Brockport

**Sep. 2022 – Present**

Grader/Lab Assistant/Math Tutor

Brockport, NY

- Lab Assistant for OOP Java & MIPS Assembly. Grader for Calculus 1. Math Tutor.

### ActionLink

**Sep. 2021 – June 2022**

Intel Representative

Henrietta, NY

- Efficiently educated BestBuy staff on Intel products, enhancing knowledge through effective communication.

## RELATED COURSES/PROJECTS

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### Artificial Intelligence & Machine Learning – Grade: A

**Spring 2023**

- Developed a moderately good chess bot collaboratively using different neural network architectures.
- Gained experience with TensorFlow and PyTorch.

### Data Science – Grade: A

**Fall 2021**

- Learned the mathematical underpinnings of several Machine Learning Algorithms.
- Utilized Python with packages NumPy, pandas, and scikit-learn.

## SKILLS & INTERESTS

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### Skills:

- Highly experienced with R, Python, Java, C, and Bash.
- Critical thinking/problem solving.
- Time management/Adaptability.

### Interests:

- I love almost everything technology or automotive related and greatly enjoy learning about it all. Not to mention programming, which to me feels just like Legos.
- My goal in life is to be the best me I can be. Towards that end, I enjoy overcoming challenges - things that stretch me out intellectually and drive me to improve.