

# Ankit Regmi

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## EDUCATION

### Truman State University, Kirksville

Kirksville, MO

BS in Computer Science (GPA: 3.93), (Aug 2022 - May 2026)

- Awards: President's Honor's List, Lola and Sharon Bell Scholarship, President's Honorary Scholarship

## WORK EXPERIENCE

### Center of Academic Excellence, Truman State University

Kirksville, MO

Python Tutor

January 2024 - Present

- Helped students learn concepts and provide guidance in their projects
- Consulted with the professor to make the class more productive
- Also worked as Calculus Tutor from August 2023 - Present for the same department.

### Research for Office of Advancement, Truman State University

Kirksville, MO

Researcher

May 2024 - Present

- Analyzed what factors makes an alumni more likely to give to the university working with 65,000 alumni records
- Made Machine learning models working with regression model and xgBoost and also implemented deep learning model
- Made an alumni giving index and came up with feature importance so that the staff knows which alumni to focus on

### NeuroLearn

Researcher

August 2024 - Present

- Developing and implementing a Virtual Reality learning environment using Unity
- Conducted comprehensive literature reviews on Cognitive Load Theory, Neurodiversity and VR in education
- Analyzing quantitative and qualitative data using python and integrating physiological monitoring to adjust task complexity

### Outlier AI

Prompt Engineering

October 2024 - Present

- Contributed to various projects focused on mitigating bias in AI models, ensuring fairness and inclusivity.
- Attended conferences to deepen my understanding of AI model implementation and best practices in the field.
- Collaborated with interdisciplinary teams to develop strategies that reduce hallucinations and improve the reliability of AI systems.

## PROJECTS

### Extension: Python , Flash , JavaScript, HTML and CSS

- Made an extension integrating openAI that detects if the news is fake or real from websites or YouTube videos
- Implemented the frontend using Javascript and backend using python

### Personal Blog

- Made a full-stack project using express in the backend and react on the frontend
- Used MongoDB database to store user information and posts made in the database

### Private Club

- Made use of Node.js and Pug to create a webapp that lets the user view who posted the message after joining with the private key and can also upvote and downvote
- Used MongoDB database to store user information and posts made in the database

### Blind Melodies

- Made using react and gemini api so that people who cannot see can get guitar lessons
- Used 3d design using spline and also used typescript

## SKILLS & INTERESTS

**Skills:** HTML, CSS, Javascript, Ajax, React.js, Python, Java, C, and C++,SQL, Node.js,Pug

**Certifications:** Advanced React, Meta, January 2024, HTML, CSS and JavaScript, Johns Hopkins University,2023

