

## **Job Advertisement**

### **ChatGPT-empowered Chatbot for Social Networks**

We are looking for a Master/Undergraduate student to work on this project.

#### **Project Description:**

ChatGPT is emerging as a powerful AI tool especially for chatbots. Our vision is that by leveraging ChatGPT-based technology, we will be able to design and develop modern chatbots for a wide range of applications.

In this project, we will focus on three specific use cases of ChatGPT-empowered chatbots:

1. Create an AI chatbot (using GPT-4 APIs) that can provide supportive messages after (a) eliciting self-disclosure from a user or (b) responding to someone's help-seeking post.
2. Embed the AI chatbot in an online social network (e.g., a discord community) or create a social network (e.g., using Empirica, <https://docs.empirica.ly/getting-started/setup>) so that the AI chatbot can communicate with human members in the network/community.
3. Build a chatbot in an online social network to mediate communication between pairs of human users. The chatbot can exchange questions and answers between human users as a mediator.

#### **Required Skills:**

- Strong interests in ChatGPT and building interactive systems.
- Strong programming skills in Python.
- You will need to be self-motivated and proactive, which means you should be able to set your own milestones and finish them on time.
- Knowledge of and experience in NLP is not required but is a huge plus.

#### **Benefits:**

- Opportunity to gain hands-on experience in building ChatGPT-based systems.
- Opportunity to join an international research team and make a real-world impact with a system deployed to users.
- Opportunity to work with world-class researchers
- Opportunity to contribute to top-tier publications as a co-author.

**Contact:** If you are interested, please send your CV to Prof. Mi Zhang at: [mizhang.1@osu.edu](mailto:mizhang.1@osu.edu). Please use "Interested in Chatbot Project" as the email subject.