

User Manual: Chatbase LLM Tutor

Welcome to your AI-powered learning assistant! This manual will guide you on how to effectively use the Chatbase™ Tutor to enhance your understanding of the course material.

1. What is the Chatbase LLM Tutor?

The Chatbase LLM Tutor is a specialized chatbot designed to support your learning in this course. We have provided it with all the course materials, including lecture slides, academic papers, assigned readings, and code examples. This allows the tutor to act as a knowledgeable assistant, helping you review and understand the topics covered.

Think of it as your personal, on-demand tutor that you can interact with to deepen your comprehension.

2. How to Access the Tutor

You can access the Chatbase LLM Tutor through the link provided on the **course homepage**. The tutor is organized by lecture topics, allowing you to select the specific subject area you wish to focus on.

3. What Can the Tutor Help You With?

This tool is a versatile learning partner. Here are the primary ways you can use it:

- **Answering Your Questions:** Ask specific questions related to any of the course materials.
 - *Example:* "Tell me about 'the beam' in cerebellar neurophysiology."
- **Testing Your Knowledge:** Use the tutor as a "critic tester" to quiz you on concepts, which is particularly useful when preparing for quizzes or exams.
 - *Example:* After the tutor asks a question, you can answer and receive feedback: "Purkinje cells directly above the granule cells are excited with less latency than Purkinje cells further down the beam. There isn't time for feedforward inhibition to take effect."
- **Verifying Your Understanding:** Explain a concept in your own words and ask the tutor to verify if your understanding is correct.
- **Locating Information:** Ask the tutor to help you find where specific concepts or code examples are mentioned within the course materials.
 - *Example:* "Where can I find the code that uses `bucket_mode` and switches between `random_bucket` and `sequential_bucket`?"
- **Ask for Summaries:** If you're struggling with a dense paper or lecture, ask the tutor to "summarize the main arguments of [paper title]" or "explain the concept of [X] in simple terms."

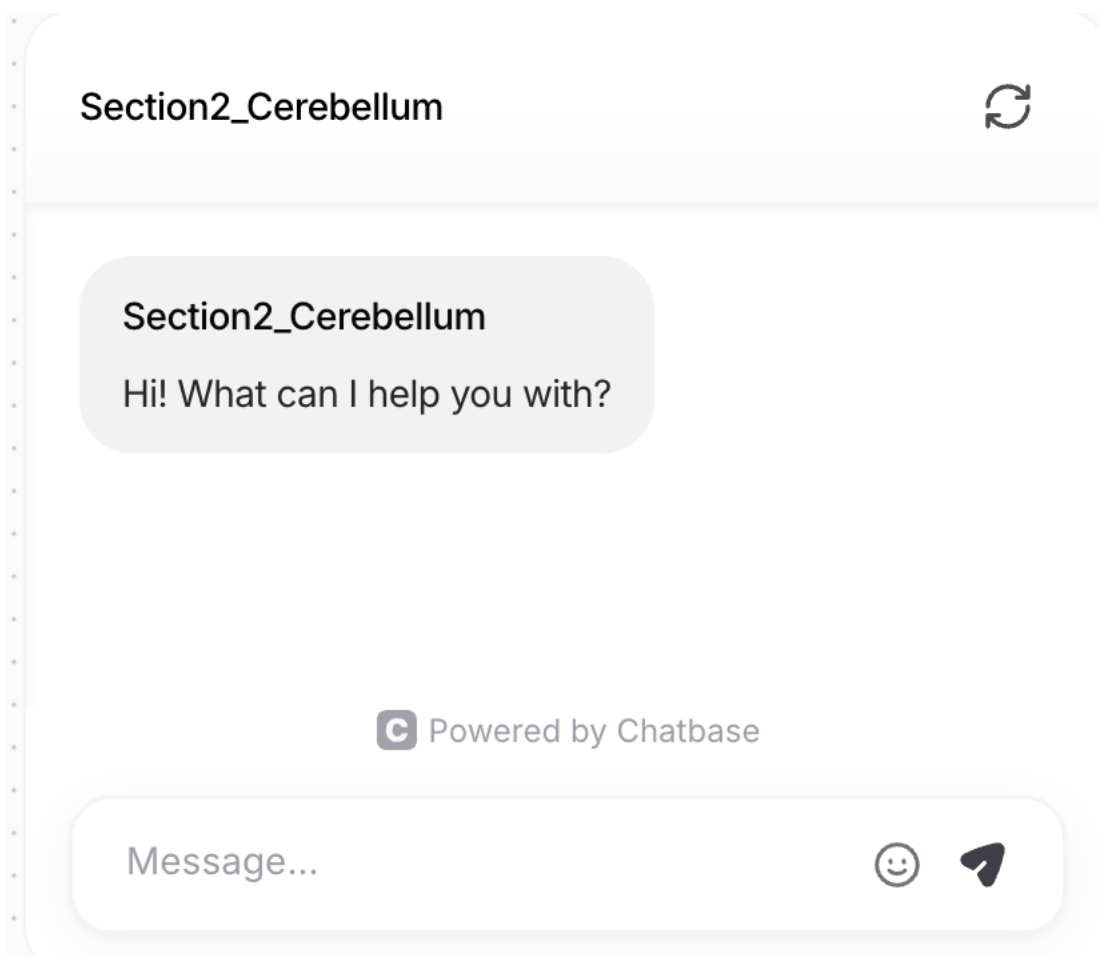
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4. Limitations of the Tutor

While powerful, the tutor has some limitations you should be aware of:

- **Complex Coding Problems:** The chatbot format is not ideal for debugging or solving complex coding problems. For these issues, it is better to collaborate with classmates or use a specialized LLM coding assistant.
- **Syllabus and Administrative Questions:** The tutor has not been provided with the course syllabus. For questions about deadlines, grading, or course policies, please refer to the official syllabus or contact TA.
- **Non-Course Related Questions:** The tutor may answer questions outside the scope of the course, but its responses will be based on its general training data, not the specific course materials.

We hope you enjoy using this tool to support your learning journey. Please send us your feedback so we can continue to make improvements!



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