

SoutheastCon 2023 Ethics Prompt

Ethical hacking is commonly defined as “an authorized attempt to gain unauthorized access to a computer system, application, or data. Carrying out an ethical hack involves duplicating strategies and actions of malicious attackers. This practice helps to identify security vulnerabilities which can then be resolved before a malicious attacker has the opportunity to exploit them.”

For this years Engineering Ethics competition, teams of students are to “ethically hack” ChatGPT. However, instead of trying to gain unauthorized access to ChatGPT, your team must interact with ChatGPT and try and get ChatGPT to be unethical in its response(s) and expose potential ethical vulnerabilities. Students must then identify ways in which the vulnerability can be resolved by suggesting changes/updates that could be made to the IEEE code of ethics and at least 1 public policy.

We understand that exposing some of the more complex vulnerabilities might come from darker conversations with ChatGPT. Therefore, students have the option to either focus on a single complex vulnerability or focus on multiple surface level vulnerabilities. In other words, students will not be judged based on the rating of their conversations (i.e. PG, PG-13, R).

Next Steps

Organize and Record a Presentation

Note: This step must be done prior to April 3rd and included in the submission (details on submission is in the next section).

Each team must organize and record a presentation to a live audience of at least 5 people. There is no format or template this year for the presentation. Students can decide how they would like to present this case and their findings to their audience. It is on the students to find their audience members and schedule their presentation with them. The requirements on who qualifies to be an audience member is that they must belong to at least one of the following categories:

- a) University faculty/staff
- b) IEEE Professional member
- c) Professional in a technical industry

You must email your audience a copy of your presentation slides prior to the start of your presentation. The length of the presentations must be between 10-12 minutes. You must then allow for a Q&A session with your audience and each audience member should ask at least 1 question. You then must allow for a feedback session and open the floor for any of your audience members to give you feedback if they would like. The presentation, Q&A session, and feedback session should also be captured in your recording.

Submission

Teams have until 11 PM EST Monday April 3rd, 2023 to submit the following:

- Recording of presentation
- Slides from presentation
- Copy of all ChatGPT logs related to this ethics case. We are not asking for all the logs any time member has done with ChatGPT ever. Just the logs from the conversations that were for the purpose of this ethics competition.

Students should use this form to submit: [Ethics Competition Submission](#)

Teams are then expected to be at SoutheastCon 2023 for a 30 minute Q&A session with judges. A separate email will be sent out to allow teams to pick times that best work for them.