



## **CS/CE 4337 - Assignment#2**

### **Due Date: 7/10/22, 11:59 pm**

Please select a research paper from google scholar (<https://scholar.google.com>) about language based security, such as type-safe vs. type-unsafe languages (type safety, memory safety) , layered security (bytecode VMs, interpreted languages) , control-flow integrity (return-oriented programming attacks & defenses), basic fuzzing, and introduction to formal methods (e.g., the SPIN model- checker). The research paper should have at least 20 citations. Write your own critique for the selected research paper. The article critique should have four main parts:

#### **1. Introduction (One Paragraph)**

Include an introductory paragraph that includes the following:

- The author's name(s) and the title of the article
- The author's main point
- A thesis statement that previews your analysis

#### **2. Summary**

After your introduction, discuss the following in your own words:

- The main points of the article
- The arguments presented in the article
- The findings of the article

#### **3. Critique**

After summarizing the article, critique the article by doing the following:

- Discuss the strengths and weaknesses of the article that you noted while critically reading the article.
- State your informed opinions about the clarity, relevancy, and accuracy of the article, using specific examples from the article to support your statements.

#### **4. Conclusion**

Finally, end your article critique with a conclusion that does the following:

- Summarize the key points in the article, as well the key points from your own analysis.
- Close with a comment about the significance of the research or a statement of future research needed in the field.