**Title:** What was the guest lecture about? (four to six words that convey it)

**By** Guest Speaker’s name and affiliation

**Summary wriiten by** Your name **toward partial completion of**

**MAE 6291 course (Spring 2025),** your departmental affiliation

**INSTRUCTIONS TO COMPLETE THIS SUMMARY [Delete this section before final submission]:**

**The summary should be one-full-page and cannot exceed one-page. This includes one figure (if you feel necessary) and the references. The section headings should be modified. The questions posed in the sections are to facilitate your creativity and encourage original thoughts All summaries will be processed using SafeAssign on Blackboard for similarity and plagiarism checks.**

**The Summary template was adapted from the source below:** [**https://launchpad.syr.edu/wp-content/uploads/2020/02/BlackstoneLaunchPad\_Executive-Summary-Guide\_2020.pdf**](https://launchpad.syr.edu/wp-content/uploads/2020/02/BlackstoneLaunchPad_Executive-Summary-Guide_2020.pdf)

**SUMMARY:** High level description of guest lecture that frames the industry and your understanding on what was presented. This is not a detailed description of research project or the lecturer’s work or specific examples they provided. This is the “why is this important” aspect of guest lectures topic. Make this simple and understandable. Be precise and clear. Do not use jargon or try to be clever here.

**PROBLEM(s) Discussed or Area of work that is addressing a particular problem:** The problem statement is the premise of the guest lecturers presentation. What is the problem they were trying to address? What is the need for their area of research or industry focused work, service, or technology? What is the significance of those problems addressed? What forces are driving their area of work: technology, market, economic, social? Does this create a window of opportunity (if any) in the IoT context?

**SOLUTION(s):** This is the most critical section of your summary. Describe the product, service or technology the guest lecturer or their industry is developing in as much detail as possible, given the space constraint. Be very specific. What makes their research area or work unique? How does their research/ product/service/ technology solve the problem identified above?

**YOUR TAKEWAYS in the research or industry-area that you felt were interesting:** This section should provide a discussion of your major takeaways on the guest lecturers area of work or what was presented. Demonstrate this aspect thorough your understanding of techonology, users, applications or products and services detailed in the presentation.

**MOVING FORWARD, how do you think you may find yourself applying what was presented in the IoT context or in area of research, product or a future idea that will be of use to the community at large**: Make this part a space for presenting one creative idea. Where do you see an intersection of guest speakers work and where your or any one potential IoT product can be developed? What is the future application of the work presented by the guest speaker. What opportunities do you see as an IoT technology developer?

**REFERENCES:** You are required to put in up to 3 references and cite them in your text. Follow the same format as shown below.

[1] Patricia S. Abril and Robert Plant, 2007. The patent holder's dilemma: Buy, sell, or troll? *Commun. ACM* 50, 1 (Jan, 2007), 36-44. DOI: <https://doi.org/>10.1145/1188913.1188915.

[2] Sten Andler. 1979. Predicate path expressions. In *Proceedings of the 6th. ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages (POPL '79)*. ACM Press, New York, NY, 226-236. DOI:https://doi.org/10.1145/567752.567774.