

Department of Computer Science and Engineering  
College of Engineering, University of Nevada, Reno

**CS 791**  
**Special Topics in Computer Science**  
**[Software Engineering]**

**Assignment #1**

**Analysis of research papers**

Wednesday, September 4, 2019

<b>Due:</b>	Monday, September 16, 11:59 pm (by email) Single PDF file, named <a href="#">A1_YourLastName.pdf</a>
<b>Points:</b>	50
<b>Weight in course grade:</b>	5%

For this assignment you have to decide on a software engineering topic of your choice, select two **related** technical articles on the topic, and write critical summaries of the two articles/websites. Each summary should be between 400 and 500 words.

Indicate the selected topic's specific title (software engineering specific area, e.g., model-driven development, service-oriented architectures, automated code generation, software engineering for computer games, software engineering and big data, software security, version control systems, adaptive software systems, etc.) and the complete references for the articles (authors, title, volume, place of publication, date, pages) or websites (authors, company, title, URL date of access).

For each article, the summary should describe: the main goal(s) of the article, the most important ideas put forth by the authors, several details (smaller points) you find interesting in the article, and your personal views on the ideas presented. Try to be critical yet constructive. Also, suggest ways of using in the CS 791 class some of the material covered in the articles.

Note that later you will most likely have to present later in class one of the two papers you selected and analyzed for this assignment.

It is recommended that the articles should be of medium size (e.g., 5 to 8 pages *Communications of the ACM* format). Also, they should be journal articles, conference papers, magazine articles or (very) relevant web-site white papers. Send the assignment as a single PDF file to the instructor by email at [dascalus@cse.unr.edu](mailto:dascalus@cse.unr.edu).