

Research Survey: Write a Survey Article about an Area of Computer Science

*CS 3020
Fall 2014*

Assigned: 26 August 2014

Due: 25 November 2014

For this assignment, you need to email me a pdf file (include name, date, title and class number in pdf) which surveys some area of computer science in terms of the research issues, the current state-of-the-art, outstanding problems and conjectures, possible approaches, potential impact if successful, etc. This article must have a reasonable bibliography and must be your original work. Plagiarism will result in failing the class. Do not cite URL's (e.g., Wikipedia), but rather technical books, journal and conference articles on the topic.

If you would like to have me give feedback on the article, that is possible anytime throughout the semester before it is due. Pages must be numbered, and the article must conform to general standards of the technical literature in computer science.

The survey paper will be done over the period of the next few weeks (see schedule below). Use the approach described in the file:// CS5342SurveypaperGuidelines.pdf and use as an example the paper by Rieffel2013.pdf

A draft survey must be submitted each week on Tuesday by class time using the handin system on the CADE lab:

- **Oct 28: Draft 1** (handin to PDF to cs3020/D1): paper should be complete through Abstract; have all section headers, and leave sections empty if not started on them.

(Of course, Title, author, date are needed; number pages.)

- **Nov 4: Draft 2** (handin PDF to cs3020/D2): complete through introduction (you need a good set of references, too).
- **Nov 11: Draft 3** (handin PDF to cs3020/D3): survey section complete.
- **Nov 18: Draft 4** (handin PDF to cs3020/D4): Analysis section complete.
- **Nov 25: Final Paper** (handin PDF to cs3020/survey): complete paper.

In addition, please turn in a hardcopy of the article in class before the start of class on November 25, 2014.