Interviewing an Expert Researcher

Interviewee: Dr. Sandhu.

Interviewer: Yun Zhang (together with Tahmina)

1. How do you start a research project?

   Find important open problems. Look at new technologies, new knowledge, new applications. It is often driven by industry forces, such as cloud, social society and so on. Keep in mind what is happening in industry.

2. What specific tools do you use(e.g., library resources, computer software, forms of measurement, statistics)?

   Google scholar, digital library, open source software(like openstack, joyent), lattop, statistic, latex, power point and so on.

3. How did you gain your expertise with the various tools you use?

   Search around by using google scholar, digital libraries. Use open source software to assist the research and find new problems or do implementations. Statistic could help find useful information, like top rank papers. Good power point helps presentation to be good as well.

4. What are some important experiences you suggest for a novice researcher?

   Go to conference. Reach knowledge and experience beyond the class. Willing to read and search on your own. Have good writings and presentations. Should know basic system knowledge.

5. If I wanted to learn how to become a competent researcher, what specific tools would you suggest I work with?

   Google scholar, digital library, open source software(like openstack, joyent, statistic, latex, power point.