

Assignment  
on  
Interviewing an Expert Researcher  
(Dr. Matthew Richard Gibson, Assistant Professor, Department of Computer Science,  
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Q1. How do you start a research project?

We need to read as many papers as can, and it would be great if we can communicate with people who are working on research. Actually, without reading research article, and research papers we will not able to get the present research scenario. Therefore, as a beginner we must read more.

Q. What can I do if I am interested with any specific topic (e.g., Cloud Computing)?

It would be better to read papers on topic that I am interested with, and I need to find out what problem still have to solve. It might be good to communicate with the professor who is working with similar topic.

Q. What should I do if I realize someone already did the work what I am trying to do?

To avoid this kind of problem, we should read recent conference and journal papers, so that we will get the current research situation of my interested topic.

Q2. What specific tools do you use (e.g., library resources, computer software, form of measurement, statistics)?

Internet is the most important resource for any research, since he is working on algorithm so he often uses pencil to scratch the algorithm. He use latex to write a paper.

Q3. How did you gain your expertise with the various tools you use?

Various tools can help in several ways, for example if we use latex we don't need to be worry about citation for the reference paper. Sometimes it is really tiresome and make paper mess.

Q. What you do If new idea come in brain?

If new idea come to his brain, firstly he writes the idea and checked with many different input to find out the drawback of the previous/existing algorithm.

Q4. What are the important experience you suggest for a novice researcher?

As novice researcher everyone need to read many papers as they can, and attend different seminar and get exploration of current research position.

Q. How can we read paper to understand precisely?

It is really difficult to understand totally by novice researcher, therefore if they can not understand portion of paper or whole paper then better to contact with our advisor.

Q5. If I want to learn how to become a competent researcher, what specific tools would you suggest I work with?

It's completely depends on research's topics. However, their have some tools we have to work with, for example latex.

Q. Is there any different between two countries (e.g., Korea and USA) research? (Since I did research while I was in Korea and those was published)

There have no difference if the paper are published in the international conference or journal.