

## Interview Questions

**Social media platform Top Five. This platform will allow software engineering researchers to create posts listing the top five research results for a specific domain of software development. For example: Top five research findings for Java developers, Top five research findings for Blockchain developers, etc.**

1. What is your current role in the field of software engineering? (Academic researcher, Industry, Other)
2. How many years of experience do you have in software engineering (Research or Practice)?
3. How frequently do you seek out top research papers in software engineering?
4. What factors would influence you to look for any research related information?
5. What measures do you use to ensure the quality of the research papers you read?
6. What influences you to read a particular research paper:
  - a. Relevance to current research interests
  - b. Author reputation
  - c. Number of citations
  - d. Journal or conference reputation
7. How do you discover new research in your area of interest?
8. Platform maybe? What devices do you primarily use to read research papers? Is there a preference of device to read a research paper?
9. What are some current challenges when you search for research papers?
10. Is there anything else you would like to share about your ideal experience using the Top Five platform?

## Interview Answers

Edward:

1. Academic researcher
2. 10 years
3. Once a week.
4. Based on my research topic, interest.
5. It depends. Sometimes I'm not quick to understand, so I need to do more research and study.
6. A.
7. Search the topic from google scholar.
8. Laptop or ipad.
9. Organize the research knowledge.
10. Based on my searching preference, the platform can recommend some research papers regularly.

Min:

1. Academic researcher
2. 4 years
3. At least every week, it's part of my job
4. The authors' reputations, the authors' affiliations, citations
5. I read papers from top-tier conferences that have low acceptance rates that I recognize
6. All of the above.
7. Through reading papers; sometimes I discover something unconventional, like the user study recruitment section or acknowledge section.
8. Laptops or my iPad. I don't read it on my iPhone.
9. I run out of papers that are relevant to my topic pretty easily.
10. Visualizing the paper summary through diagrams would be helpful because I am a visual learner.

Jeffrey:

1. Software Engineer (In industry)
2. 3 years research, 2 years industry
3. I rarely find myself searching papers in the field of software engineering for work problems, most papers I search regularly are in other niche, work-related topics.
4. Lack of knowledge and current available information
5. Amount of data collected, Authors, University/Company, publication status, and the conference its published in.
6. All of the above
7. Private servers, VT libraries server, google scholar
8. Regular computer
9. The google scholar results sometimes aren't the best and require a lot of refinement. Sometimes contact information for authors is outdated and hard to contact people to check on details when replicating findings.
10. Ability to quickly and easily set search ranking with parameters such as conference ranking.