

Computer Science & Education Video: Interview Questions

Dear Professional,

Thank you for participating in our Computer Science and Education video series, part of the initiative *Redefining Career Navigation in Computer Science: A Mixed-Method Approach Integrating Peer Data and Industry Perspectives*. Your insights will inspire and guide students exploring careers in computer science. Below is a structured list of questions designed to provide students with real-world perspectives on the field, career paths, academic preparation, and more. Please feel free to elaborate on any question to share your unique experiences.

Note: The preferred language for the video is English. We would greatly appreciate recordings in both English and Hindi if your schedule permits, but we understand you may be busy, so English is prioritized.

We deeply value your time and contribution. Your participation will help countless students navigate their journey in computer science.

Sincerely,
Karishma Patel

1. Personal Background

1. Can you briefly introduce yourself and your current role?
2. What motivated you to enter the field of computer science?
3. What was your academic path like (B.Tech, BCA, M.Tech, etc.)?

2. Career & Industry Insights

4. What does a typical day in your job look like?
5. What are the most in-demand skills in your field today?
6. How important is a degree versus skills and portfolio in CS?
7. How do internships and projects shape your career?

3. Education and Learning

8. What CS concepts or topics from college actually helped you in real life?
9. What should students focus on during college?
10. Are there any online resources or platforms you recommend?

4. Growth and Specialization

11. What are the best emerging fields in CS right now (e.g., AI, cybersecurity, data science)?

12. How should a student choose their specialization?
13. What certifications or extra courses add real value?

5. Global Exposure & Opportunities

14. Have you worked or collaborated internationally? What was that like?
15. How can students build a profile that's globally competitive?

6. Mindset and Success

16. What soft skills are equally important in CS roles?
17. How do you handle failure or projects that didn't work?
18. What's your biggest learning so far in your CS journey?

7. Advice to Students

19. What would you tell your younger self when you were in college?
20. One tip for students confused about their career path in CS?

8. Optional Bonus Questions

- What's one myth about CS careers you want to debunk?
- Have you ever switched roles or fields? How did you handle it?
- How do you stay updated in such a fast-moving field?

Thank You!

Your contribution to this initiative will inspire and empower many students. We are grateful for your time and insights.