

Interview Questions to Ask a ML intern| Xobin [Downloaded]

We at Xobin reached out to over 70+ Hiring teams to curate the best interview questions. We didn't stop there.

We went ahead to understand what type of answers differentiated the top candidate from the rest. Here is what we've got for you.

Role-specific skills to look for: Concepts of computer science and software engineering, data analysis and feature engineering, metrics involved in ML, ML algorithm selection, and cross-validation, and Math and Statistics

Soft skills to look for: time management, problem-solving, communication, curiosity to learn, and teamwork.

Pro Tip: Always screen before your interview. Use [Online Assessment to screen applicants for a ML intern](#) position before blocking your time for an in-person interview.

Compilation of ML intern Questions

Role-Based Interview Questions to ask a ML intern



What is machine learning?

Purpose of the question: By asking this question, an interviewer can make sure the candidate understands what is machine learning.

What to listen for in candidate response: Listen for the specific terms which explain machine learning.



What are the recent bleeding-edge technologies? How can we use them?

Purpose of the question: This question is designed to test if the candidate is following new technology hype and research.

What to listen for in candidate response: Top candidate would list out the new emerging tech and their interpretation of its usage.



How are Machine learning and deep learning different?

Purpose of the question: Since deep learning is a subset of ML this question tests the knowledge of the candidate about their knowledge of the basics of machine learning.

Purpose of the question: Listen for the specific terms and points that differentiate between the two.



What is a decision tree in ML?

Purpose of the question: This question can be asked to see if the candidate knows about the basic concepts of Machine learning like decision trees.

What to listen for in candidate response: Listen for the specific terms which describe the decision tree.



What is SVM? What are the classifications methods which SVM can handle?

Purpose of the question: Since SVM is a major part of Machine learning models, it is crucial an applicant for an ML intern is aware of its concept.

What to listen for in candidate response: Listen for the specific terms which describe SVM and the methods which it can handle.



What is cluster sampling?

Purpose of the question: This question can be asked to make sure if the candidate is aware of the basic functions and concepts of machine learning.

What to listen for in candidate response: Listen for the specific terms which explain cluster sampling, top candidates would explain the same with the help of examples.



How do you find the correlation between a categorical variable and a continuous variable?

Purpose of the question: Like the previous questions, this question too can be asked to understand how much they know about the basics of ML.

What to listen for in candidate response: Listen for the specific terms which correlate between a categorical variable and a continuous variable.



What is more important between model accuracy and model performance, according to you?

Purpose of the question: This question can be asked to determine if the candidate chooses the accuracy or performance of a model.

What to listen for in candidate response: Candidates must give the reason of their choice, while top candidates would usually explain how model accuracy is a subset of model performance and how they both are important.



How would you design an application for loan prediction?

Purpose of the question: By asking this question, the interviewer can test how well can the candidate apply their knowledge and skills of machine learning to design something new.

What to listen for in candidate response: Top candidates would list out the procedure of designing software while applying their ideas and machine learning concepts to them.



Can you give examples of how do you use Machine learning in daily life?

Purpose of the question: This question can be asked to analyze the candidate's awareness and analysis of machine learning in their daily life.

What to listen for in candidate response: An ideal candidate would list out the daily live usage examples of ML and show evidence of curiosity.

Situational Interview Questions to ask ML intern



Can you tell us a bit about yourself?

Purpose of the question: This question can be asked to learn more about the candidate's personality and allowing them to relax a bit.

What to listen for in candidate response: Top candidates would talk about their educational details, career aim, and hobby or interests.



What are your strengths?

Purpose of the question: This question is designed to understand if the candidate has the skills or personality traits that will enable them to fit in with a pre-existing team.

What to listen for in candidate response: Top candidates would show evidence of curiosity to learn, and other skills required as per the job description.



How do you plan to make an impact during your internship here?

Purpose of the question: This question is designed to understand whether the candidate possesses leadership skills, as they would be a core part of the business.

What to listen for in candidate response: Top candidates would describe how they plan to initiate the strategy to create impact and the tactics they plan to use.



How do you handle pressure if you are equipped with multiple tasks at a time?

Purpose of the question: This question is designed to test the candidate's management skills.

What to listen for in candidate response: Look for evidence of management qualities related to project planning and execution.



What are your work expectations and what do you expect to gain from this internship?

Purpose of the question: This question can help in revealing what a candidate expects to get out of this position and what they think the work will involve.

What to listen for in candidate response: An ideal candidate would talk about their goals which they expect to achieve.



What are you planning to do after completing this internship?

Purpose of the question: The question is designed to understand if the candidate has the potential to work for your company long-term.

What to listen for in candidate response: Listen to whether the candidate has the potential for continued work at the company.



Has there been any time where you had to take the lead in a group setting to overcome an obstacle?

Purpose of the question: This question can be asked to gauge a candidate's problem-solving and collaborative skills.

What to listen for in candidate response: Top candidates would talk about their experience with working in a team environment.



Why do you want to work at our company as a Machine learning intern?

Purpose of the question: This question is designed to know what kind of information does the candidate has about your company culture and what has excited them to join your organization.

What to listen for in candidate response: Listen for the detail about what has driven the candidate to work for your organization.



What skills do you think are necessary for this job role?

Purpose of the question: Since software developers rely on a combination of technical knowledge and transferable skills to be successful. Therefore it is important for an applicant for this role to show the required skills.

What to listen for in candidate response: Look for evidence of the required skills for this job role.



Do you have any questions for us?

Purpose of the question: The question is designed to know how interested the candidates are in your company.

What to listen for in candidate response: Top candidates would ask questions and show interested in the job and company-related details.

Start Optimizing your ML intern Hiring today

Find and hire talent with confidence. If your candidate doesn't know the answer to the above questions and you're hiring for a ML intern position, then they're obviously not a great fit.



Prepared and Curated by Xobin Team