Career Management- CDEV 8130

Assignment 4: Mock Interview

Academic Year 2021-2022

Worth 25% of Final Grade

Due Date

This assignment is due by the end of module thirteen.

Purpose

Preparing, practicing and reflecting on interviews will support you in improving your interview skills.

Explanation of tasks

In module 8, you selected a job posting to which you tailored your resume and cover letter. In module 10, you carried on the analysis of that posting to predict interview questions and prepare written responses. During modules 10, 11, and 12, you worked on a series of activities to help you prepare for interviews.

Prior to completing the tasks, be sure to review the attached rubrics.

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List of activities

Module 10: Predicting Questions (Fit and Competence), Preparing using the STAR Method

Predicting Questions

Using job posting complete the following worksheet. Aim to predict questions based on the posting.

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|  | Statement From the posting | KEY WORDS | Predicted Questions based on the posting and key words |
| Fit | 1.Develop software applications and add new functions to current applications using the Agile and Scrum approach  2. Collaborate effectively with a team of developers to support the operational team  3. Strong analytical, problem-solving, and decision-making skills with strong attention to detail.  4. Strong time management skills and work ethic (highly motivated) to manage multiple projects and responsibilities | 1. Agile and Scrum  2. Collaborate effectively with a team.  3. Strong analytical, problem-solving, and decision-making skills  4. time management, work ethic | 1. What is agile? Have you worked with the Agile environment? What is role of scrum master?  Tell me 5 ceremonies of agile?  2.Do you like working in team or you like to work on your own?  3. Tell me one problem you have faced, and you rectified that problem?  4.Have you worked in the multiple projects before? |
| Competence | 1. Ability to develop web applications such as JAVA, CSS, XML, HTML, PERL and REST  2. Knowledge of virtualization technologies and Internet protocol  3. Experience in the development and integration of software solutions  4. Ability to write code to automate processes, orchestrate deployments and manage code | 1. to develop web applications such as JAVA, CSS, XML, HTML, PERL and REST  2. virtualization,  Internet protocol  3. development,  integration of software.  4. automate processes, orchestrate deployments, manage code | 1.In which front end technology have you worked on?  2. What is object-oriented programming?  3. Why industry still uses Java8 for development?  4. What is polymorphism in Java?  5.Do you know for what REST API used for?  6.What is Integration of software applications?  7.Have you ever worked in automation? |

Preparing using the STAR Method

Now that you’ve predicted some interview questions, take some time to think about how you would answer at least five of those questions. Write the question in the blank and then fill in your response in the table.

First Predicted Question: What is agile? Have you worked with the Agile environment? What is the role of a Scrum Master?

Tell me 4 ceremonies of agile ?

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| Situation/Task | Answer about agile methodology and elements of scrum. |
| Action | I have studied Agile methodology and done Agile certification. |
| Results | * The Agile methodology is a way to manage a project by breaking it up into several phases. It involves constant collaboration with stakeholders and continuous improvement at every stage. Once the work begins, teams’ cycle through a process of planning, executing, and evaluating. Continuous collaboration is vital, both with team members and project stakeholders. * Yes, I have worked with the Agile methodology at my previous organization. An agile workplace is a type of work environment designed around complete flexibility. Unlike a traditional office—where employees are permanently assigned to desks—an agile workplace encourages workers to move freely around the office, making use of whichever space suits their objectives at that time. * The scrum master helps to facilitate scrum to the larger team by ensuring the scrum framework is followed. He/she is committed to the scrum values and practices but should also remain flexible and open to opportunities for the team to improve their workflow. * There are five scrum ceremonies, sprint planning, daily standup, sprint review, sprint retrospective and product backlog grooming. |
| Skills | PMI Agile Certified Practitioner |

Second Predicted Question: Do you like working in team or you like to work on your own?

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| Situation/Task | Tell about the projects have you done with the teamwork. |
| Action | I have always worked as a team in the office and helped my colleague. |
| Results | I truly love being a part of a team where I can brainstorm with my colleagues to find the best methods for completing projects. I find that my teammates help keep me motivated to achieve goals and energize and excite me about new ideas. |
| Skills | Teamwork |

Third Predicted Question: On which front end technology have you worked on?

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| Situation/Task | About the front end technologies like HTML, CSS , JAVA SCRIPT |
| Action | I have studied during my course HTML 5 and node JS, CSS and implemented in the work. |
| Results | For front end, I have used HTML 5 for coding, and for the designing purpose I have used the CSS and node JS and for the validations I have used Java Script. |
| Skills | HTML, Java Script, CSS, node JS |

Fourth Predicted Question: What is object-oriented programming in Java? What is polymorphism in Java?

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| Situation/Task | About the object-oriented programming like C++,Java |
| Action | I have studied the object-oriented programming in my college and also have a certification of java. |
| Results | Object-oriented programming is a model that provides different types of concepts, such as inheritance, abstraction, polymorphism, etc. These concepts aim to implement real-world entities in programs. They create working methods and variables to reuse them without compromising security. This emphasizes data rather than functions. Many of the most widely used and significant object-oriented programming languages include Java, C++, C#, Java.   Polymorphism:  it is a process that performs a single action in different ways. It occurs when we have many classes related to each other by inheritance. Polymorphism is of two different types, i.e., compile-time polymorphism and runtime polymorphism. One of the examples in Compile time polymorphism is that when we overload a static method in java. Run time polymorphism is also called a dynamic method dispatch is a method in which a call to an overridden method is resolved at run time rather than compile time. In this method, the overridden method is always called through the reference variable. By using method overloading and method overriding, we can perform polymorphism. Generally, the concept of polymorphism is often expressed as one interface, multiple methods. This reduces complexity by allowing the same interface to be used as a general class of action. |
| Skills | Java 8 , C++ |

Fifth Predicted Question: Have you ever worked in automation?

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| Situation/Task | Automation tools like Cucumber, [JUnit](https://blog.testproject.io/2019/02/26/junit-5/) & [TestNG](https://blog.testproject.io/2019/10/31/the-power-of-testng-test-next-generation/) for Java. |
| Action | I have learned the Junit and TestNG in my previous company and also, I worked on the projects on the same. |
| Results | Yes, I have worked in the testing domain also. I have used the Junit and TestNG in Java. Test Automation tools are software applications that help users to test various desktop, web, and mobile applications. These tools provide automation solutions to automate the testing process. |
| Skills | Cucumber, [JUnit](https://blog.testproject.io/2019/02/26/junit-5/) & [TestNG](https://blog.testproject.io/2019/10/31/the-power-of-testng-test-next-generation/) |

Module 11: Who Would You Hire? Job Interview Observation

Who Would You Hire? Short Answer

Now it’s time to put yourself in the shoes of a recruiter to assess how each person performed in the interview. After viewing the video be prepared to answer the following sets of questions. Your responses will be graded.

* What is the number one thing you noticed about Anna’s performance in the interview?

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| She isn't making eye contact with the interviewer since she seems a little apprehensive and unconfident during the interview. |

What is the number one thing you noticed about Mat’s performance in the interview?

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| He is moving his body excessively and using simple language, which makes Mat's comments sound quite general. |

Did Anna give specific examples for the interview questions?

* Yes

Did Mat give specific examples for the interview questions?

* Yes

If you were to give Mat one piece of feedback, what would you say to him?

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| He should keep his motions to a minimum during the interview, in my opinion. Even while a few gestures and a straightforward attitude are fine, excessive movement frequently gives the wrong impression. |

If you were to give Anna one piece of feedback, what would you say to her?

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| She must improve her examples and make a strong connection between them, and the scenario given in the question. To establish appropriate eye contact with the interviewer, avoid coming across as nervous, and most importantly, express her enthusiasm in the job opportunity, she should also work on her confidence. |

Who would you hire – Anna or Mat? Why?

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| Certainly, I will hire Mat Because he is very goal-oriented and committed to achieving the goal, Mat has professional experience and exudes confidence in his responses. |