

GlassDoor Overview

Basic Java, basic Python

Algorithms - Leetcode

Design patterns

virtual functions

Unit Tests & Integration Tests (How do you mock a class for unit testing?) selenium, cucumber, GoogleTest

CI/CD Pipelines - automation tools (i.e., Jenkins, Tekton, GitLab)

Multi-threading

DB - joins

AWS

Spring Boot

Docker, Kubernetes

SDLC

Bash - make?

Application hosting (i.e., Apache, Tomcat, Nginx)

application servers (Tomcat, WebLogic, JBoss), same thing as above?

JEE (EJB, JPA, JTA, JAX-B, JAX-RS, JAX-WS)

BAE Systems

-About PLM systems, when did you use? - New Hudson, MI, Aug 20, 2024

-What is your experience programming in C#? - Apr 28, 2024

-Does Java support multiple inheritance - Feb 19, 2024

-Senior - Asked about developing an algorithm to predict when a door will fail - Asked Agile method - Apr 26, 2024

Senior - Agile, algorithm to predict when a door will close - Asked Agile method - Apr 26, 2024

-Is python a static or dynamic language? - Feb 13, 2024

-Abstract classes and override operators in java - Mar 16, 2023

-Asked about previous experiences, level of knowledge in different languages, and python questions. Interviewer was kind and told me what the job entailed.

-What are the four object oriented programming pillars? - Jan 9, 2023

-It was a seminar interview where you present your research work. After the presentation as the first thing in the morning, there are several one-to-one interviews throughout the day. The interviewers range from various levels/ coding, image processing algorithm, computer vision questions - Dec 2, 2022

-How do you allocate memory in a C program vs a C++ program? How do you deallocate memory? What are the differences between C and C++? - Oct 1, 2021

-I was asked some basic C and C++ programming questions in my internship interview. They asked me about memory management and I did a simple problem with a C array on the board then for bonus points I demonstrated I could reverse a linked list on the board. - Oct 3, 2021

-These sessions were purely technical with OOP and data structures questions, needing to whiteboard and write pseudo-code. The questions aren't too hard if you've done coding interview practices, but it was quite intense and felt very long.

Linked lists, time/space complexities, etc - Jun 19, 2020

-Some object-oriented programming questions, data structure questions, and Singleton design pattern were mixed in. - Dec 17, 2018 - San Diego, CA

-What are the different access specifiers in Java? What is polymorphism? - Aug 17, 2018

-What design patterns are you familiar with? - Aug 17, 2017

-Abstract class vs interface? Some details about OOP Linux commands (how to search in a file) If I knew Java Spring - Jul 31, 2017

Live coding, one on linked lists

Four points of OOP. Smart pointers. Virtual functions

BOOZ ALLEN

- Describe how you would write tests for a given function - Feb 12, 2024
- explain multi threading and how it can be used in c++ - Jan 31, 2024
- 2 different ways to create a react component - Aug 16, 2023 - Aurora, CO
- Leetcode - Aug 28, 2023
- 1. Talk about your experience with CI/CD pipelines? 2. Talk about a time where you had to work on a cross-team project. 3. Tell us about your previous role as a software engineer and being a technical lead for that team.
- 1. Two Sum coding question: Given an array of integers nums and an integer target, return indices of the two numbers such that they add up to target.
- 2. Search Insert Position coding question: Given a sorted array of distinct integers and a target value, return the index if the target is found. If not, return the index where it would be if it were inserted in order. Interview could be considered easy to average. - Feb 27, 2023
- Explain the four pillars of OOP. - Jun 22, 2023
- Can you explain what a template is in Java and how or why you would use it? - Jun 30, 2022
- In a web api project, how would I securely transmit information between different systems - Aug 22, 2024
- Give an example of a project you are working on where you use network technology. - May 30, 2022
- I was asked about the fundamentals of algorithm development and conceptual physics problems. - Mar 8, 2022
- Count the number of characters in the string - Feb 23, 2022
- What are the main concepts of java? - Oct 12, 2021
- How would you debug a daisy chain of function calls? - SENIOR - Nov 19, 2024
- How many tennis balls can you fit in a 747? - SENIOR - Aug 25, 2014
- What are the different types of JOINS in a database? - SENIOR - Sep 10, 2011
- What software source control systems have you used? - SENIOR - Sep 10, 2011

GENERAL ATOMICS

- How do you mock a class for unit testing? - SENIOR - Sep 25, 2024
- Can you describe the differences between Java and C++? - Jan 5, 2024
- Build a data packet for a UAV? - POWAY - Dec 7, 2023
- What is the difference between the stack and the heap? - Feb 14, 2023
- Create a struct and allocate memory on the heap. - Mar 10, 2023
- Linked list questions and bit shifting - Dec 11, 2024
- understanding different components and aspects of C/C++ and testing your knowledge - Nov 3, 2023
- Programming Technical involved C language and undeveloped ("fill in the blanks"-style) flight control system, I would post the entire answer and solution as I memorized it, but not sure how okay that would be so here are very direct hints: *Know how hex values relate to memory addresses *Know how to pass, reference, and de-reference pointers and double pointers *Know how to print elements of a struct - Nov 15, 2023
- What is the value to a char pointer? - Sep 15, 2022
- write a pseudocode program for a flight algorithm. What is the derivative of velocity. - Dec 13, 2023
- Question about OOP, Abstract class, interface - Mar 25, 2022
- General C++ questions regarding foundational knowledge. Pointers, references, memory management, OOP concepts. - Mar 24, 2022
- questions about operating systems like processes ,threads ,race conditions and asked when working on past assignments/projects how did I overcome them. Also asked question in regards to algorithms. The interviewer just asked questions about concepts. There was no coding portion. - INTERNSHIP - Mar 3, 2022
- What is the difference between overloading and overwriting a method? - Mar 13, 2022
- What is the difference between a pointer and a reference in C++? - Aug 8, 2023
- On a digital clock, if the time was 3:45, find the angle between the hour hand and the minute hand. - Feb 12, 2022
- What is the static keyword used for? What is the volatile keyword used for? What is the difference between a class and a struct? - Apr 8, 2022
- What is a heap? - Sep 9, 2021

-They asked me to write an algorithm (white board) that found all of the possible paths in a 4×4 array starting from the top left and only able to move right or down. - Jul 22, 2021

-Object oriented programming basics, multi-threading, standard interview questions - Feb 26, 2021