Surviving the Technical Interview Roadmap



Assess Your Technical Knowledge

- 2 = You could whiteboard it without a reference and/or teach it to someone else (Depth)
- 1 = You can have a solid discussion about it and can identify it in code (Breadth)

0 = Very little knowledge or practical experience				
Data StructuresLinked listsBinary treesTrees/HierarchiesStacksQueuesVectors/ArraysHash tables	AlgorithmsSimple SearchBinary SearchBreadth First SearchDepth First SearchSortingQuick SortMerge sort	Performance Memory Management (Stack vs Heap) Run Times/Big O Notation Refactoring Misc Debugging Test Driven Development		
Design Design Patterns System Design Sequence Diagrams	K-nearest neighborsDynamic ProgrammingRecursionOO ConceptsPolymorphism	Version Control SystemsAgile/Waterfall/etcBit manipulationPrimitivesCompilers Client/Server		
DatabaseDDLDML/SQL ScalabilityLoad balancingCaching	Encapsulation Inheritance Abstraction Singleton, Factory, etc SOLID principles Interfaces	Hardware/Software Networking Operating Systems Key Methods in Libraries Frameworks/IDEs APIs		

Interview Prep Sheet Your Experience				
Project Showcase	٠			
	٥	Github		
	٠	Blog		
	٥	Project		
	٥	Project		
	٠	Project		
		Project		
Internships/Consulting				
Hackathons/Coding Competiti	ions			
Open Source Contributions				
Organizations	panizations			
Speaking points with respect to your projects (Tell me about a time when) ☐ You solved a problem:				
☐ You fell short of a deadline or failed:				
☐ Describe a decision that you made that wasn't popular and how you overcame it:				
☐ You disagreed with the outcome of a decision:				
☐ You didn't know what you were doing but had to do it anyway:				
☐ You made a mistake:				
☐ You were pressured for results that you couldn't achieve:				
Company Information Size, Locations, Cultur		Description (how does your rience line up?)	Your Interviewers: (make notes from their Linked In profiles)	