



Arnab Borah <aborah@ucsc.edu>

Preparation Information for Technical Phone Interview with LinkedIn

1 message

Isabella Swift (ZeroChaos) <iswift@linkedin.com>

Mon, Nov 20, 2017 at 3:54 PM

To: "aborah@ucsc.edu" <aborah@ucsc.edu>

Hi Arnab,

Thank you for your time today, it was a pleasure speaking with you!

It

looks like the position you applied for in the past is not the current open role. In order to move forward with the initial technical phone interview, please apply via the link in my separate email in order for us to process your application.

Please do this as soon as you can, as I am not able to get you coordinate with our engineers and get you scheduled until you apply.

The technical phone screen will be an hour long and conducted via

www.collabedit.com.

Please make sure you have access to a computer with internet and a phone.

online text editor - collabedit

www.collabedit.com

Collabedit is an online text editor that allows real-time collaboration.

Major components of our

assessment include:

- Applying algorithm, data structures and Computer Science fundamentals.
- Explanation and implementation of the solution in code without any of the aids engineers typically have access to (e.g. IDE, online docs).
- Pace- you will be under the time gun!

Algorithmic hints:

- Think about and verbalize the trade-offs

of different approaches.

- Knowing the run-time complexity of your solution may indicate whether you can do better.

- Don't over complicate your algorithm to

fit in specific concepts - we are looking for answers to the question, not looking for certain techniques.

Data specific questions

to expect:

For example, the engineer might ask you to

briefly describe a few machine learning models at a high-level and based on your background: logistic regression, tree or Bayesian models, neural networks, etc., as well as situations where they could be used or applied.

Coding sites to visit for

practice questions:

[Leet](#)

[Code](#)

[Top](#)

[Coder](#)

[Developers](#)

[book \(Core Java\)](#)

[Stack](#)

[Overflow](#)

[Dynamic](#)

[Programming Fundamentals](#)

I know interviewing can be a stressful process,

so here are a few additional tips to help you:

Tip #1:

Ask

clarifying questions instead of making assumptions. Before starting on your implementation, be clear on requirements. Describe your high level approach first before implementing.

Tip #2:

Verbalize

your thoughts out loud while you're solving a problem. Our interviewers want to understand your thought process and how you go about solving a problem. By thinking out loud, you will give them an idea and they will be able to give you hints to steer you in the right direction. Clear technical communication is key. Give your interviewer an idea of what they should expect

before jumping into the solution. Take notice of suggested hints.

Tip #3: You will be assessed on both

speed

as well as the ***quality***

of the solution. Do not take too much time to think through the problem, but take enough time so you can provide a clean and elegant solution.

Tip #4: If asked about an interesting project, make sure to choose a project that you are actually interested in rather than just picking your most current project.

Show

enthusiasm

and

details about the project by explaining who was your customer, why the project/product was being built, and give detailed information about your contributions and specific responsibilities.

Tip #5:

Find and fix

your bugs using edge cases, tests, or other means.

Tip #6:

Visit

our engineering blog to find out a bit more about the different technologies and projects we are working on as well as get a feel for our engineering and company culture. Here are some helpful links to learning more about LinkedIn

Engineering:

[LinkedIn's](#)

[Culture](#)

[Engineering](#)

[Blog](#)

[Engineering](#)

[Videos](#)

[Data](#)

[@ LinkedIn](#)

[Open](#)

[Source @ LinkedIn](#)

Tip #7: Review

data structures

and the libraries for them in your language(s) of choice, particularly paying attention to their limitations.

Tip #8:

Ask

relevant and appropriate questions about LinkedIn to show your interest. This is your chance to

interview us

to make sure that LinkedIn is the right fit for you.

Lastly, below are links to posts written by

our engineers. They give a lot of info and provide different perspectives on how to prepare for this type of interview:

[Getting](#)

[That Job At LinkedIn](#)

[What](#)

[to do \(and not do\) if I interview you](#)

[Interviews](#)

[are not Exams](#)
[Technical](#)
[Design Interview](#)
[Success](#)
[in the Coding Interview](#)
[LinkedIn](#)
[and MSFT: Our Next Play](#)

Please take as much time as you need to review the material and prepare.
Let me know if you have any questions.

Good luck!

Belle Swift
Technical Recruiter
Talent Acquisitions - Engineering



408.900.5161

iswift@linkedin.com

<https://www.linkedin.com/in/belleswift/>