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| |  | | --- | | **Kylie Valencia** | | 3:19 PM (3 hours ago) |  |  |
| |  | | --- | | to me | | | |

Hi Oleksii,  
  
It was a pleasure chatting with you today. I am excited that you are interested in pursuing the Software Engineer role on the Site Reliability Engineering team!  
  
Below I've included a few brief action items, additional information on SRE at Google, as well as on best ways to prepare for the first step of the interview process.

Action Items: (Please complete by Monday at 5pm PT)

* Please send me the following whenever you get a chance:
  + Dates and times of **availability to interview (PT)** as well as your **preferred coding language (Java, C, C++, C#, Python,)**
  + Your most updated resume, email and phone number
  + Any special accommodations you needed or required for the day of your onsite interviews

About SRE:  
Google coined the term SRE about 12 years ago. SRE is our elite engineering team responsible for the availability, performance & scalability of Google’s largest major user-facing services. These engineers are writing infrastructure as code in a way that maintains the uptime and availability of all of our largest end user facing products (like Android, Chrome, Search, Gmail, Maps, etc) in order to provide continuous service to the billions of users around the world that are using the products. This team is tackling complex problems of scale and is operating at the largest scale of anyone in the company. To give you a better sense of scope, Google has the largest technical infrastructure on the planet so this is an opportunity to get your feet wet at the largest scale as of yet in really all of human history. =)

Let's get in the mood for Google SRE!:

* (YouTube) [Meet Site Reliability Engineers at Google](https://www.youtube.com/watch?v=CIhjOctbpTs)
* [Book on Site Reliability Engineering by Google](https://landing.google.com/sre/book.html)
* (Google Blog) [Site Reliability Engineers: “We solve cooler problems”](https://www.google.com/about/careers/stories/site-reliability-engineering-profile-google/)
* (Google Scholar) [Site Reliability Engineers: “solving the most interesting problems”](http://googleresearch.blogspot.com.au/2012/07/site-reliability-engineers-solving-most.html)
* (YouTube) [Site Reliability Engineers — Keeping Google up and running](http://www.youtube.com/watch?v=yXI7r0_J29M)

**What is Google looking for?:** "We are not simply looking for engineers to solve the problems they already know the answers to; we are interested in engineers who can work out the answers to questions they had not come across before." Interviewers will be looking at the approach to questions as much as the answer."  
  
Preparation for the First Round Interview:  
  
As mentioned, our interview style may be slightly different from other interviews you’ve had in the past; they tend to be highly technical.  
  
Many of the questions asked in Google interviews are open-ended because our engineers are looking to see how you engage the problem. Be sure to talk through your thought process about the questions you are asked, as well as your approach to problems and solutions. As discussed, here is an overview of the first round interview:  
  
1. You will be asked an open ended question. Ask clarifying questions in order to devise the requirements. Think about ways to improve the solution you'll present. In many cases, the first answer that springs to mind may need some refining. It is worthwhile to talk about your initial thoughts to a question, then take the time to compose a more efficient solution.  
  
2. You will be asked to create and explain it in an algorithm.  
  
3. Then convert it to a workable code. Be prepared to write at least 20 lines of code in a live Google document. Approach all scripting as a coding exercise - this should be tactical coding - clean, rich, robust code.  
  
(Hint: Don't worry about getting it perfect because by the time you know it, the 40 minutes will be up. Write what comes but then refine it later. Also make sure you consider corner cases and edge cases, production ready.)  
  
4. Optimize the code, follow it with test cases, find any bugs.  
  
A few topics that might be covered: algorithms, APIs, big O notation, quicksort, merge sort, heaps, binary tree, linked list, hash table, recursions, iterators, lockings, powers of 2, corner cases, ,++i, i ++, fig - fog - dog

[Setting up Google doc for Technical Interview (non Google site)](https://www.codefellows.org/blog/setting-up-google-docs-for-technical-interview-happiness/)  
  
  
Good luck preparing! I'm a phone call away if you have any questions.   
  
Cheers,  
Kylie

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|  | **Kylie Valencia**  Technical Sourcer  [kyliev@google.com](mailto:kyliev@google.com)  [careers.google.com](http://careers.google.com/students) |

[Working on the Google Cloud Team](https://www.youtube.com/watch?v=ECbWQPTKVZ4)

[Site Reliability Engineers: "We solve cooler problems"](https://www.google.com/about/careers/stories/site-reliability-engineering-profile-google/)

[|Learn more about our candidate privacy policy.|](https://careers.google.com/privacy-policy/)