**Kimberly Ginyard**<ksginyard@fb.com>Fri, Jul 17, 2020 at 2:24 PM

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| Dear Oleksii,  I am so excited to be working with you on your process with Facebook, and cannot wait to have you join our amazing family!  As I spoke about below will be some prep material to help you on your journey with Facebook’s Technical Screen. This interview will be 45 minutes long and include 40 minutes of coding.    The most successful individuals look to study by working with Leetcode, and looking to build up to 2 Medium to Hard Questions in an Hour Period. This will help condition your brain to the fast pace of the interview. Also come in prepared with why you are interested with joining Facebook, this will be asked! Engineers and Managers like to see someone that knows why they would like to join and have done some research into our environment, projects, etc… Your Excitement Can Go A Long Way!!!    Coding Language We are tech agnostic! – Meaning you can answer the question in the language you prefer and are most comfortable with.    What the interview will be assessing for;  1. Communication: Ask clarifying questions and talk out loud about your thought process/approach to the problem BEFORE jumping into the code. This will help the interviewer understand your problem-solving skills and will also help you create a better solution.  2. Speed: Can the engineer we're assessing move fast? It is very important that you practice coding quickly. Time yourself when studying!  3. Quality: Is the code clean/bug free? If not, it’s okay    Computer Science Fundamentals to Review   |  |  |  | | --- | --- | --- | | Algorithms: | Data Structures: | Concepts: | | • Merge Sort | • Arrays/ArrayLists | • Big O | | • Quick Sort | • Hash Tables | • Recursion | | • Breadth-first Search | • Tress |  | | • Depth-first Search | • Graphs |  | | • Binary Search | • Stacks/Queues |  | |  | • Heaps |  |     Tips:  • Most people study 1-2 weeks and practice on a whiteboard or coding competition websites beforehand.  • Discuss initial ideas and solutions with your interviewer, which will help you to clarify any ambiguity.  • Generally avoid solutions with lots of edge cases or huge if/else if/else blocks. Deciding between iteration and recursion is always an important step.  • The test will test Data Structures and Algorithm Techniques, so prepare with the common ones above  • Don’t worry about rote memorization such as runtimes or API/native calls. It's good to know how to figure out approximate runtimes on the fly but the code you write is more important.  • You will be asked about O Memory Constraints on the complexity of the algorithm you are writing and its running time – O(N^2) to O(N), etc.    **Things I Will Need from You:**  · The next step is an initial 45-min coding phone interview (done over coderpad with no complier).  **You should've received an email to schedule your Technical Phone Interview. \*\* If you need dates outside of the date range provided, just let me know =) \*\*\***  · **Send me an updated resume if you haven’t already done so.**  **Facebook NYC Information**  · Career Growth at Facebook : <https://www.facebook.com/careers/life/why-your-career-wont-plateau-at-facebook?hc_location=ufi>  · Exciting Instagram Updates: [https://instagram-press.com/](https://l.facebook.com/l.php?u=https%3A%2F%2Furldefense.proofpoint.com%2Fv2%2Furl%3Fu%3Dhttps-3A__instagram-2Dpress.com_%26d%3DDwMD-g%26c%3D5VD0RTtNlTh3ycd41b3MUw%26r%3Dx1r23H49DZI7R-DvqNUWMnHSJ0foiubBsq87WNK4Qdc%26m%3DoGZlfMnD46d5LKpHXIcUM9TLreFN5OcOt8OtET5QBJ4%26s%3DYUhIfhp5FHkM0e4-2FjRCWXmDpyCBd4uImDtzOBZK0k%26e&h=AT0egRlQyszj-65aIQZPuXcqqpFvH_IhM2AmOl_Ln1UoXbLnIj7E36563A_5Xg_tQMXW8-S5EFewDKTav5tZ0HE_YSLvgLmTGsFviqy1RqRPZcfVFjv_GlAatPLTJAa94FbTI1xVBXA)  · Exciting NYC Projects: [https://www.builtinnyc.com/2018/07/16/nyc-facebook-office-tour](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.builtinnyc.com_2018_07_16_nyc-2Dfacebook-2Doffice-2Dtour&d=DwMD-g&c=5VD0RTtNlTh3ycd41b3MUw&r=x1r23H49DZI7R-DvqNUWMnHSJ0foiubBsq87WNK4Qdc&m=oGZlfMnD46d5LKpHXIcUM9TLreFN5OcOt8OtET5QBJ4&s=ne_P3b3A-1HddsL-2xnO8IAexVZ4CocRlzvLxrmuMY4&e)  · Exciting Messenger Milestones: [https://spectrum.ieee.org/tech-talk/computing/software/how-facebooks-software-engineers-prepare-messenger-for-new-years-eve](https://urldefense.proofpoint.com/v2/url?u=https-3A__spectrum.ieee.org_tech-2Dtalk_computing_software_how-2Dfacebooks-2Dsoftware-2Dengineers-2Dprepare-2Dmessenger-2Dfor-2Dnew-2Dyears-2Deve&d=DwMD-g&c=5VD0RTtNlTh3ycd41b3MUw&r=x1r23H49DZI7R-DvqNUWMnHSJ0foiubBsq87WNK4Qdc&m=oGZlfMnD46d5LKpHXIcUM9TLreFN5OcOt8OtET5QBJ4&s=TWeOjQG8RJ72QstHk8aF1RtQo1ujDktyNzBJzFu1FFs&e)  · Open Source at Facebook: [https://octoverse.github.com/projects.html](https://l.facebook.com/l.php?u=https%3A%2F%2Foctoverse.github.com%2Fprojects.html&h=AT0egRlQyszj-65aIQZPuXcqqpFvH_IhM2AmOl_Ln1UoXbLnIj7E36563A_5Xg_tQMXW8-S5EFewDKTav5tZ0HE_YSLvgLmTGsFviqy1RqRPZcfVFjv_GlAatPLTJAa94FbTI1xVBXA)      Here’s the info you’ll need to prepare: [Initial Tech Screen Prep Guide](https://www.facebook.com/careers/swe-prep-techscreen).    Helpful Videos and Websites:  Password: FB\_IPS  [https://vimeo.com/157480836](https://urldefense.proofpoint.com/v2/url?u=https-3A__vimeo.com_157480836&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=oogMhSG36kkTTHiVaiLoLo2OqX60jbKIqXPD1aGTPOA&e=)   |  | | --- | | [Private video on Vimeo](https://urldefense.proofpoint.com/v2/url?u=https-3A__vimeo.com_157480836&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=oogMhSG36kkTTHiVaiLoLo2OqX60jbKIqXPD1aGTPOA&e=)  Join the web’s most supportive community of creators and get high-quality tools for hosting, sharing, and streaming videos in gorgeous HD with no ads.  [vimeo.com](https://urldefense.proofpoint.com/v2/url?u=http-3A__vimeo.com&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=QZ_3zLduCN9c_KZdVQ8p-VNFldOlwfOVMEQYjfLvHh0&e=) |   [https://vimeo.com/158532188](https://urldefense.proofpoint.com/v2/url?u=https-3A__vimeo.com_158532188&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=rKIJfxcaOuKB52CB10dDklFj0_HpfgOpFWDT_xqbtYo&e=)   |  | | --- | | [Private video on Vimeo](https://urldefense.proofpoint.com/v2/url?u=https-3A__vimeo.com_158532188&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=rKIJfxcaOuKB52CB10dDklFj0_HpfgOpFWDT_xqbtYo&e=)  Join the web’s most supportive community of creators and get high-quality tools for hosting, sharing, and streaming videos in gorgeous HD with no ads.  [vimeo.com](https://urldefense.proofpoint.com/v2/url?u=http-3A__vimeo.com&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=QZ_3zLduCN9c_KZdVQ8p-VNFldOlwfOVMEQYjfLvHh0&e=) |     [https://leetcode.com/problemset/algorithms/](https://urldefense.proofpoint.com/v2/url?u=https-3A__leetcode.com_problemset_algorithms_&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=y0Q3JQ72gnuxnihXc1UZUQT7BQXiYgJbIN-neyZwiqk&e=)   |  | | --- | | [Problems - LeetCode](https://urldefense.proofpoint.com/v2/url?u=https-3A__leetcode.com_problemset_algorithms_&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=y0Q3JQ72gnuxnihXc1UZUQT7BQXiYgJbIN-neyZwiqk&e=)  Level up your coding skills and quickly land a job. This is the best place to expand your knowledge and get prepared for your next interview.  [leetcode.com](https://urldefense.proofpoint.com/v2/url?u=http-3A__leetcode.com&d=DwMFaQ&c=5VD0RTtNlTh3ycd41b3MUw&r=PfblzVlyogd2t-983xPY9A&m=ZnLMPzNBnwVuHUiM_AsuAGvfBhN9SCjqiMrQX3ziM5M&s=JdXNH8yn2IcJIyv6WlJsvOGWkxKACQzUNLEo8WPXsgQ&e=) |   <https://medium.com/better-programming/how-to-ace-the-coding-interview-by-an-ex-facebook-interviewer-9c163a845d05>  We are the teams who create all of Facebook's products used by billions of people around the world. Want to build new features and improve existing products like Messenger, Video, Groups, News Feed, Search and more? Want to solve unique, large scale, highly complex technical problems? Facebook is seeking experienced full-stack software engineers to join our product teams. You can help build the next-generation of products that help us connect the next billion people, create new features that have billions of interactions per day and be a part of a team that’s working to help people connect with each other around the globe. Join us!  **RESPONSIBILITIES**   * Full stack web/mobile application development with a variety of coding languages * Create consumer products and features using internal programming language Hack * Implement web or mobile interfaces using XHTML, CSS, and JavaScript * Work closely with our PM and design teams to define feature specifications and build the next generation of products leveraging frameworks such as React & React Native * Work closely with operations and infrastructure to build and scale back-end services * Build report interfaces and data feeds   **MINIMUM QUALIFICATIONS**   * 5+ years of programming experience * 5+ years relevant experience building large-scale applications or similar experience   **PREFERRED QUALIFICATIONS**   * B.S. or M.S. Computer Science or related field   Facebook's mission is to give people the power to build community and bring the world closer together. Through our family of apps and services, we're building a different kind of company that connects billions of people around the world, gives them ways to share what matters most to them, and helps bring people closer together. Whether we're creating new products or helping a small business expand its reach, people at Facebook are builders at heart. Our global teams are constantly iterating, solving problems, and working together to empower people around the world to build community and connect in meaningful ways. Together, we can help people build stronger communities — we're just getting started.  Kimberly Ginyard  Technical Sourcer |GPS| Software Engineering| Machine Learning| Washington DC  [ksginyard@fb.com](mailto:ksginyard@fb.com) | Mobile 650-845-7163  Connect with me! [Facebook](https://about.fb.com/) |Connect with me!   *#FacebookLife*   |  | | --- | | **Facebook** | **Instagram**| **Messenger**| **WhatsApp** |   *If you want to stop receiving these emails from Facebook Recruiting in the future, please opt-out*[*here*](https://www.facebook.com/recruiting/unsubscribe)*. Learn more about how we collect and use your information in our*[*Candidate Privacy Statements*](https://www.facebook.com/careers/privacy)*.*  *Facebook is committed to providing reasonable accommodations for candidates with disabilities in our recruiting process. If you need any assistance or accommodations due to a disability, please let us know at*[***accommodations-ext@fb.com***](mailto:accommodations-ext@fb.com)*.*       |  |  | | --- | --- | | **2 attachments** | | | |  |  |  | | --- | --- | --- | |  |  | **Outlook-0nvxsw0u.png** 2K [View](https://mail.google.com/mail/u/0?ui=2&ik=5ea4c35036&view=att&th=1735e3bec3adeab1&attid=0.1&disp=inline&safe=1&zw) [Scan and download](https://mail.google.com/mail/u/0?ui=2&ik=5ea4c35036&view=att&th=1735e3bec3adeab1&attid=0.1&disp=attd&safe=1&zw) | |  | | |  |  |  | | --- | --- | --- | |  |  | **Outlook-A picture .png** 2K [View](https://mail.google.com/mail/u/0?ui=2&ik=5ea4c35036&view=att&th=1735e3bec3adeab1&attid=0.2&disp=inline&safe=1&zw) [Scan and download](https://mail.google.com/mail/u/0?ui=2&ik=5ea4c35036&view=att&th=1735e3bec3adeab1&attid=0.2&disp=attd&safe=1&zw) | |  | |