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| Next Steps   |  | | --- | | How to best prepare myself to get a job/internship/etc. | |  | | Instructions: How to use Java and this class to make yourself the best candidate | | * Create a GitHub Profile   + Why GitHub: GitHub allows you to control presentation of your work. With GitHub, you’re building a portfolio that you can show off to companies   + What is GitHub: http://techcrunch.com/2012/07/14/what-exactly-is-github-anyway/ * Coding/Technical Interviews - how to prepare for interviews   + Cracking the Coding Interview Book: <http://www.amazon.com/Cracking-Coding-Interview-Programming-Questions/dp/098478280X>     - work through the whole book. If you do it right and get to a point where you can do questions by yourself and really know why the answer is what it is, then you’ll be all set for the toughest of interviews   + <https://www.interviewcake.com/> - use if interviewing right now * Ways to practice/Coding Program Challenges/Questions: Work through problems and post on github. If you can get through all challenges and have created a good online presence showing off your coding ability, then it will make it easier to have people hire you. A lot of these coding challenges will also prepare you for the coding interviews you will get.   + <http://coderbyte.com/CodingArea/Challenges/> - easy to hard challenges   + <http://codingbat.com/> - questions by topic   + <https://www.hackerrank.com/>   + <http://www.codechef.com/problems/easy>   + <http://users.csc.calpoly.edu/~jdalbey/103/Projects/ProgrammingPractice.html>   + <https://www.hackerearth.com/problems/>   + <https://typing.io/> * Internships   + Look at sites like:     - <https://angel.co/> - startups that are looking to hire     - <https://hired.com/>     - Think of companies you are interested in and just apply   + develop your github or some sort of online portfolio showing off your tech knowledge   + startups are more likely to hire interns and take a chance on them, ask for unpaid/paid opportunities that allows the company to give you a trial run   + Also look at non-profits or small businesses who don't have a good tech base. Ask to make them a website or a mobile app and design from scratch - great small projects | | |
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| Next Steps   |  | | --- | | Questions on what to do with Java | |  | |  | | Job Opportunities with Java, practical uses of Java   * what can you do with your current level of Java? what are next steps?   Keep practicing, get to the next level, learn more languages   * competition for java jobs   there are no “java jobs”. There are coding jobs. Java is a good language to learn because most technical interviews can be done in Java.   * What credentials or degrees are required for entry into this kind of work?   Honestly, there has been a trend away from credentials and degrees. Most companies are more interested in what you can do and have done. That’s why it is important to develop your coding portfolio and be able to talk about your passion for coding and how you have developed it by working on projects and independent challenges. Of course, if you are going to college then majoring in Computer Science is good. If you’re thinking about going back to school then doing a Masters.   * What types of prior experience are absolutely essential?   You should be able to show that you know how to code, either through work experience or through problems you have worked on. Internship experience helps and the barrier to get accepted for an internship is lower.   * How can I prepare myself for an entry-level position in this field for this summer?   See coding challenges in other module. Also the Cracking the Coding interview is a really great book to use to go over all the fundamentals behind coding interviews.  The challenges are a better way to practice how to think about solving a problem and actually coding answers.   * Can you suggest any related fields such as QA? Is there any drawback in following this path?   Program Manager, QA, Evangelism, Developer Advocate, etc.  There are a lot of roles that want you to have a technical background but expect you to have softer skills as well (working with customers, good communicator, etc.). If you know how to code and get along well with others, then these can be some great choices too. QA probably requires the least soft skills.   * If you were to hire someone to work with you today, which of the following factors would be most important in your hiring decision and why? (1. educational credentials; 2. past work experience; 3. specific skills/talents; 4. applicant's knowledge of your organization, your department, your job; 5. any other)   2, 3+5: past work experience and what their current skill level and potential is. Currently, the best way a person can show off their coding skills is having a portfolio of what they’ve made with the languages they know and being able to explain how they coded what they did   * How rapidly is this field growing? How do you see the future? What would happen if another recession comes around?   pretty rapidly. We are a technology driven society so code isn’t going anywhere. everyone should know and learn how to code. Even I have to keep up with the rapidly changing landscape.   * What obligations does this field place on personal time? (as someone who is eager to learn, this is not important for me, but it is good to know).   Most coding jobs are very flexible in terms of working from home or setting your own hours | | |
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