Plan to practice for next job interview

Suddenly this whole plan made me feel so sad about realizing my dream, like I betrayed it for a petty ransom. But I’m dying here, bloke! I have to move out. Suddenly I think about “Spirited Away”, 22 year-old Chihiro must be very wise by now. She won’t care about how much money she made.

This is just a draft plan, I hope I will have more slack after researching more on Paypal and Thoughtwork recruitment date 🡪 this schedule is a bit crazy considering I have my own job here at NCS.

# When to apply?

Right now there are 3 companies on my target:

*(may consider approach 2-3 companies first because my time is limited, don’t apply for crap companies, there is small chance they will be better than NCS)*

1. Works Application 🡪 End of September
   1. First choice because of its clear recruitment process + information I have at hand
   2. Recruitment are expanding, total income was great
   3. But I have a sense that this company will have massive lay-off in the future and working here won’t gave me as much credential as Paypal once I’m looking for the new jobs.
   4. The working hours can be devastating, it will hinder me on pursuing my personal dream.
2. Paypal.
   1. Second choice because of its recent layoff and my lack of knowledge about its interview questions and processes.
   2. But I really like its US culture + reputation, very promising choice to create the base for my US move in the future.
   3. Salary package was better than Work Apps also
3. Thoughtwork 🡪 probably the earliest one, check <http://talentsite.ntu.edu.sg/candidate/index.php>:
   1. Lack of knowledge about this company, but it seems to be great 🡪 need more research about its office at Singapore
4. Flextrade??
   1. Very good compensation package, but I have no knowledge about its interview questions + processes
   2. It’s a finance related company, not a tech company
5. Searching on Google, CareerCup, GeeksForGeeks for interview questions.

Otherwises, should start on resume on 15 July.

# Practicing Plan

## From 15/06 to 21/06

Put Thinking in Java on hold 🡪 focus on Data Structure and Algorithm first.

Cracking the Code Interview 5th Edition – Data Structures:

* Arrays and Strings 🡪 done
* Linked Lists
* Stacks and Queues 🡪 done.

What needs to be done more:

1. Need to do research more on suitable company out there + their schedules 🡪 **VERY IMPORTANT**
2. Ask all people I know working (Thanh, Thanh Trung, Quan Hoang) for Paypal for:
   1. Type of interview question + question? (OOP, Algo and Data Structure, other stuffs)
   2. Rounds of interview?
   3. What type of personality they are looking for
   4. **Check with them about the necessity of graph algorithm**

Cracking the Code Interview 5th Edition – Data Structures:

* Tree and graph

Study Tree and Graph on Introduction to Algorithm:

* Revise chapter “Data Structures”
  + Elementary data structures
  + Hash tables
  + Binary Search Trees
  + Augmenting Data Structures

## From 22/06 to 28/06

Study Tree and Graph on Introduction to Algorithm:

* Study chapter “Sorting and Order Statistics”

Cracking the Code Interview 5th Edition – Concepts and Algorithms:

* Sorting and Searching

## From 29/06 to 05/07

Study Tree and Graph on Introduction to Algorithm:

* Study chapter “Advance Design and Analysis Technique”

Cracking the Code Interview 5th Edition – Concepts and Algorithms:

* Recursion and Dynamic Programing
* Object Oriented Design

## From 06/07 to 12/07

Online resource website:

* **Pay Special Attention for String problems 🡪 Works App**
* <http://www.geeksforgeeks.org/about/interview-corner/>
  + Common Interview Question corner
* Career Cups:
* Search for interview question from Paypal, Works App and Thoughtwork to practices:
  + Works Apps (get about 8 questions, as much as possible since their question set seems to be short, already have 2):
    - Find all string permutation (include duplicate and exclude duplicate)
    - Find the longest common substring of 2 strings.
  + Paypal (get about 10 questions)
  + Thoughtwork (get about 5 questions)

Try out additional review problems in Cracking the Code Interview 5th Edition:

* Some Moderate
* Some Hard
* Pay attention on time you used

## From 12/07

Write resume: 2 days

Who to send this resume to? Need some thought as I’m not very confident about applying for Paypal or Thoughtwork.

Continuous practices 🡪 geeksforgeeks