Technical Interview

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2 Big Issues in Getting a Job

- English

- Working authorization
  - Citizen, Permanent Resident or Working Visa
  - If you need a sponsorship, don't tell potential employer up front

English

- Listening is more important speaking
- Try to watch some American drama and dictate
  - It will be also helpful to pronounce it as it sounds
  - Don't try to read from spelling
- Once your listening is there, speaking will be a lot easier

Professional SNS

- LinkedIn is a must
  - If you don't have one yet, please create one
- As a developer, github is another
  - Programmer's SNS sharing code
- Be careful with Facebook and so on

LinkedIn

- A lot of job search/recruiting and reference check is now happening through LinkedIn
  - For example, check who is mutual connection
- This is your online resume
  - So make it polished

Github

- Developer's social network
- Your personal projects and your contribution to existing projects in Github will be in display here
- If you are contributor or committer to a well-known open source projects, that will help your job search

Interview Process

1. Resume Screen

   – Referral through friend or coworker

2. Phone Screen

   – If you are referred by someone with good reputation, this can be skipped

   – Usually done by hiring manager or key person in the team

3. On-site Interview

Resume Example (I)

- Outline
  - Name, Email, Links to LI or github or personal homepage
  - Objective
  - Summary
  - Skills
  - Experience
  - Education
  - Certificate & Award

Resume Example (II)

Keeyong Han

keeyonghan@hotmail.com

LinkedIn: …

Github: …

- Objective
  - An entry level software engineering position in Data Engineering or Web Frontend
- Summary
- Skills
  - Programming language: Python (Advanced), Scalar (Beginner), Java (Intermediate), SQL
  - Tools: Github/SVN, Microsoft Office
- Experience
  - You can list your projects here (or rename "Experience" as "Projects")
- Education
  - M.S., Department of Computer Engineering, Seoul National University, Seoul, Korea 1995
- Certificates & Awards:
  - Yahoo You Rock! Award Q4 2007 for training new hires in Search team

Resume Example (III)

- If is important to know what's in your resume in details
  - In particular the most recent ones
  - Prepare some questions on your resume
- For skillsets, if possible, try to add your knowledge level
  - Such as "beginner", "intermediate" and "advanced"

Phone Screen

- 45 minutes to an hour interview through phone
  - Nowadays video conference call is used more
- Some coding questions through some tools such as collabedit or stypi (which is like Google Doc)

On-Site Interview (I)

- A chance to meet your team members and your manager

- Usually 4 to 5 people with 45 minutes to an hour each

- Questions will be on technical coding questions, projects in resume and behavioral questions

On-Site Interview (II)

- Think about good questions to ask
  - What's a typical day looking like?
    - When do you report to the office? When do you go home?
  - How does your company make money?
    - Revenue model
  - If I join, what would be my first project?
  - What kind of technical skills are needed to be successful?
  - What's your management style?
    - If you are talking to your manager

Coding Question (I)

- Don't jump into writing code
  - But always take time to understand questions and clarify
  - Make it more interactive!
- Start with simple solution and then optimize from there
- Start with example input and output

Coding Question (II)

- Once your code is ready, validate your code with your example

- Interview is more about thought process

  – This is more true for junior level candidates (including interns)

  – Show your capacity than skillset

Some Other Questions to Prepare

- What's your proudest project so far?

- What's your toughest project so far?

- Please explain a case where you had a disagreement with your coworker but you managed to find a way to work together?

- For these questions, try to answer with STAR (Situation, Task, Action and Result)

Advantages of Internship

- Interns is time-bounded employment so for employers it is not that risky compared to fulltime hiring
- This is even more true when some portion of cost is sponsored by someone else (Chungnam University)

Practice

- Who wants to try it with me?

- Coding question:
  - Given a decimal number, print out its hexa-decimal number
  - You can use any language you want