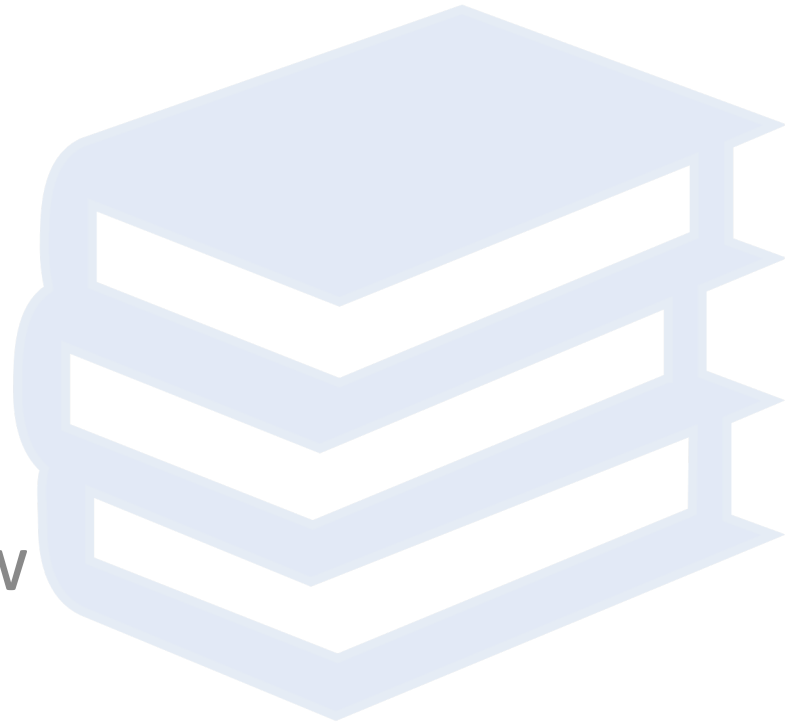


Course 6

Prepare for interview



Announcement



```
graph TD; A[Announcement] --> B[CV – first selection]; B --> C[Schedule interview]; C --> D[Technical Interview + HR]; D --> E[Decision]
```

CV – first selection

Schedule interview

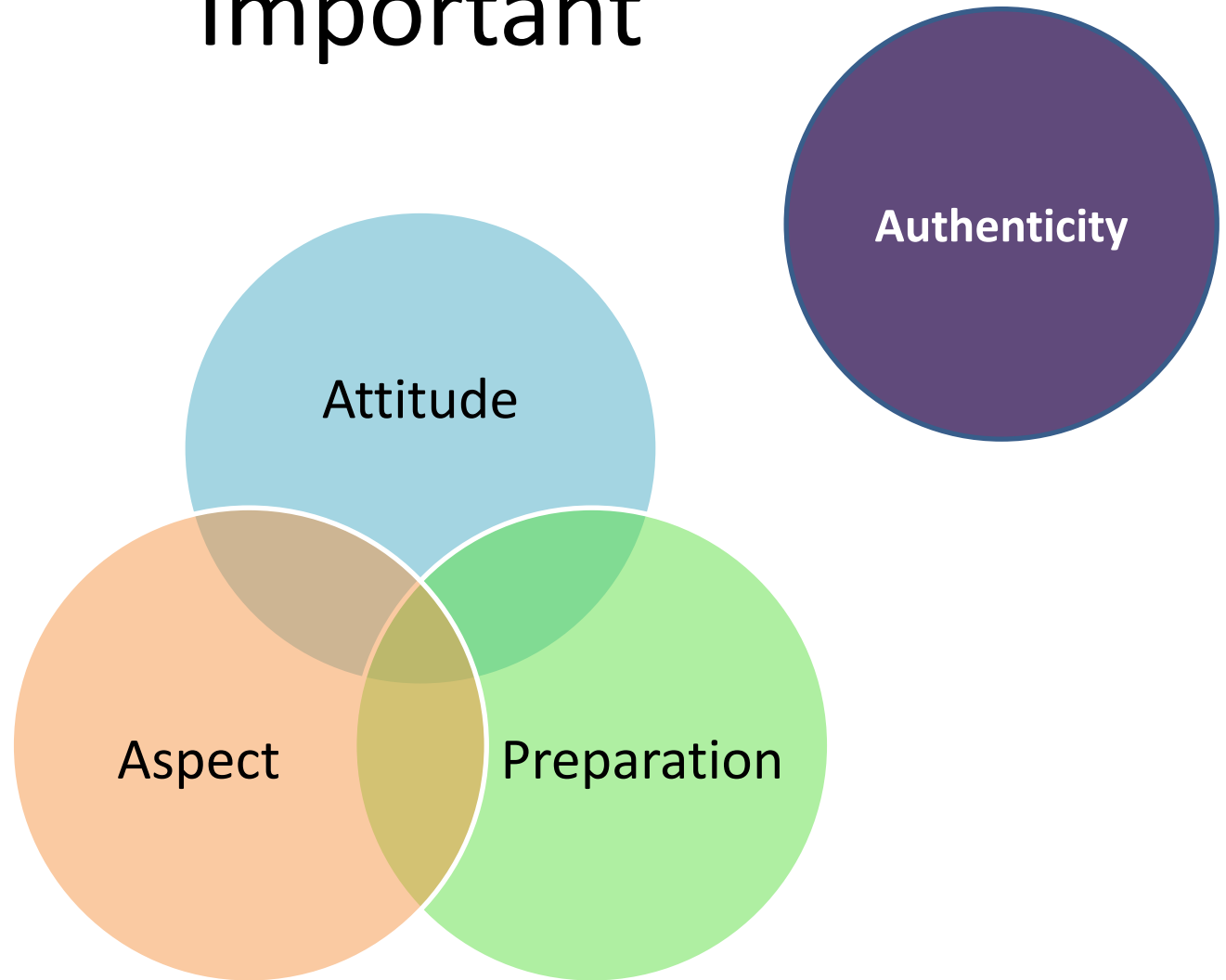
Technical Interview + HR

Decision

Employer expectations

- The advertising profile is constantly overstated
- The admission layer is usually lower
- If the advertise asks for Java programmer, then the employer wants a Java programmer

Important



Structure of technical interview

1. Describe last interesting project
2. Logic problem
3. Algorithm problems
4. Technology related problems
5. Estimation problem
6. Design problem
7. Q&A

Examples

- Logic
 - Jars, lightbulbs
- Algorithmics
 - Complete sequence of consecutive numbers in which one is missing
 - Sorting
- Estimations
 - Numbers of cars in Cluj-Napoca
 - How much time you need to go to the railstation?
- Design
 - House
 - Salt shaker for blind persons

- Competences
 - Technical
 - Soft skills
- Important technical competences
 - Data Structures and Algorithms
 - Programming and Software Engineering
 - Code Quality and Security
 - Software Architecture
 - Estimations

Preparation

1. Ask the recruiter
2. Search Internet: e.g. C# interview questions
3. Solve algorithm problems
 1. acetheinterview.com
 2. glassdoor.com
4. Read
 1. Programming Interviews Exposed
 2. How Would You Move Mount Fuji?

Be prepared to ask questions

- Aspects related to the company organization / projects
- Which are the expectations for the next three months?
- Which are the most important qualities that you value in your employees?
- What opportunities do you offer?:
 - Professional: mentoring, training, workshop
 - Others: events, social activities, etc.

Practical test

- Programming / algorithms / data structure
- Written (on paper)
- Computer based
- Content:
 - Basic and advanced knowledge

DO NOT DO

- Questions:
 - Salary / financial advantages
 - Working over hours
- Too much familiarity
- Ironies
- Comparations

Tips & tricks

- Professional profile: www.linkedin.com
(~~facebook~~, ~~twitter~~ etc.) github
- Attitude:
 - Dressing
 - Position
- What matters: knowledge, seriousness, honesty

Interview with Google...

- https://www.youtube.com/watch?v=K6Cck_wybhQ
- <https://rusu.io/blog/>