

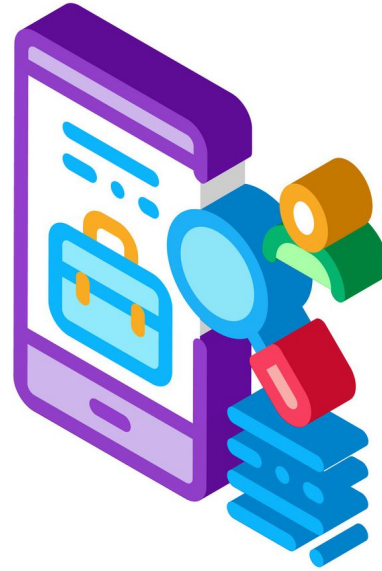


Intern/New Grad Engineer Process

What you can expect when applying

Overview

- Applying
- Online Assessment
- Interviews
- Decision





Applying

Setting yourself up for success

Resume

- Find examples online
- Use templates (Monster, Resume-Library)
- Create drafts
- Have others review
- Sell yourself
- Update when necessary



Searching for Positions

- Popular platforms (LinkedIn, Indeed, Glassdoor)
- Know what you are looking for
- Play around with search filters
- Set Alerts
- Check regularly



Searching for Positions (cont.)

- Popular GitHub repos for Interns/New Grads
- PittCSC
- UWCSC
- <https://github.com/pittcsc/Summer2022-Internships>
- <https://github.com/uwcsc/winter2022-internships>



Filling out Applications

- Asking for referrals
- Apply on company site (not required but I recommend)
- Keep track of where you applied (Trello, Google Sheets)
- Update statuses throughout the process



Google
Sheets



Online Assessment

What happens next?

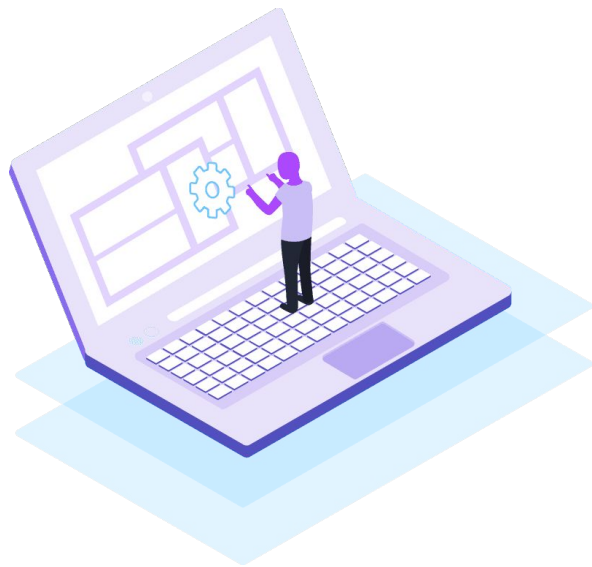
Online Assessment Invitation

- Link emailed by recruiter or automatically
- Common Platforms (Hackerrank, Codesignal, HireVue)
- Keep track of deadlines
- Set aside time to complete



Getting Prepared

- Practice!!
- Get familiar with the platform
- Review core concepts (data structures, algos)
- Learn from mistakes
- Pair programming



During the Assessment

- Skim through each task
- Think about order of completion
- Read the prompt CAREFULLY
- Brainstorm solution
- Convert idea to code and test it





Interviews

Congrats on moving on!

Interview Overview

- Types of interviews (behavioral, technical, mixed)
- How many interviews
- Common questions
- Be yourself
- Make it a conversation



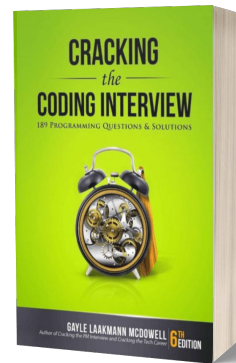
Behavioral Interview

- Know your resume
- Do mock interviews
- Be able to recall certain experiences
- Don't overthink things
- Nothing more than a first impression



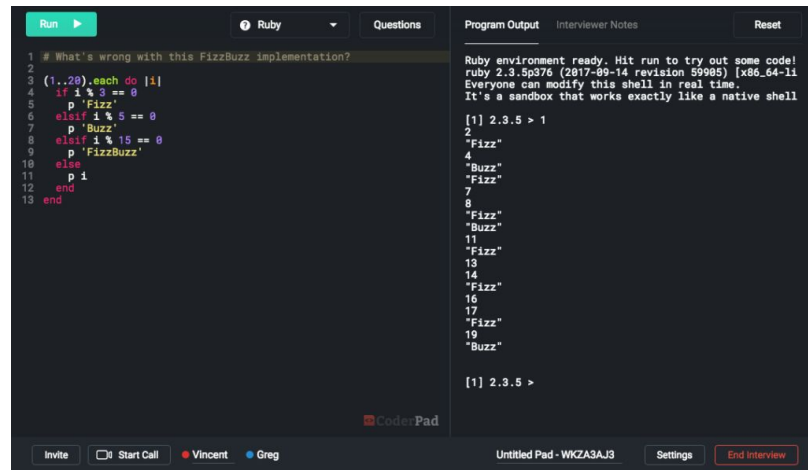
Technical Interview Prep

- Practice with Leetcode
- Read helpful books
- Review core concepts (data structures, algos)
- Pair programming
- Watch and do mock interviews



During the Technical Interview

- Listen to the prompt CAREFULLY
- Ask for clarification if needed
- Think out loud
- Comment and explain code as you go
- Focus on correctness then optimize



The screenshot shows a web-based code editor interface. On the left, a Ruby script is written in a dark-themed editor. The script is a FizzBuzz implementation with a comment at the top: '# What's wrong with this FizzBuzz implementation?'. The code uses a range (1..20) and an each loop to iterate through numbers. It uses conditional logic to print 'Fizz' for multiples of 3, 'Buzz' for multiples of 5, and 'FizzBuzz' for multiples of both. The code is syntactically correct. On the right, the 'Program Output' tab is active, showing the output of the script: 'Ruby environment ready. Hit run to try out some code! ruby 2.3.5p376 (2017-09-14 revision 59985) [x86_64-linux] Everyone can modify this shell in real time. It's a sandbox that works exactly like a native shell'. Below this, the output of the FizzBuzz script is shown: '[1] 2.3.5 > 1', followed by a list of numbers from 1 to 20, with 'Fizz' replacing multiples of 3, 'Buzz' replacing multiples of 5, and 'FizzBuzz' replacing multiples of both. The interface includes a 'Run' button at the top left, a 'Questions' tab at the top right, and a 'Reset' button at the top right. At the bottom, there are buttons for 'Invite', 'Start Call', 'Vincen', 'Greg', 'Untitled Pad - WKZASAJ3', 'Settings', and 'End Interview'.

```
1 # What's wrong with this FizzBuzz implementation?
2
3 (1..20).each do |i|
4   if i % 3 == 0
5     p 'Fizz'
6   elsif i % 5 == 0
7     p 'Buzz'
8   elsif i % 15 == 0
9     p 'FizzBuzz'
10  else
11    p i
12  end
13 end
```

Program Output Interview Notes Reset

Ruby environment ready. Hit run to try out some code!
ruby 2.3.5p376 (2017-09-14 revision 59985) [x86_64-linux]
Everyone can modify this shell in real time.
It's a sandbox that works exactly like a native shell

[1] 2.3.5 > 1
2
"Fizz"
4
"Buzz"
"Fizz"
7
8
"Fizz"
"Buzz"
11
"Fizz"
13
14
"Fizz"
16
17
"Fizz"
19
"Buzz"

[1] 2.3.5 >

CoderPad

Invite Start Call Vincen Greg

Untitled Pad - WKZASAJ3 Settings End Interview



Decision

The moment you've been waiting for

Offer

- Congratulations 🎉🎉🎉
- Call from recruiter (verbal)
- Negotiate if needed
- Review details (written)
- Keep deadline in mind
- Wait on others?



Rejection

- Keep your head up
- Understand the reason
- Keep applying and doing interviews
- Stay focused
- Don't let a rejection define you





Questions?