



HOW to ACE your
interview

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Hello!

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How to Interview

~~How to interview~~

How to get an
interview

The image features a pixelated, mosaic-style background with a variety of colors including black, dark blue, purple, green, and grey. In the center, there is a white speech bubble with a jagged, hand-drawn edge. Inside the bubble, the text "MTU Career Fair!" is written in a light blue, casual, handwritten font. The text is arranged in two lines: "MTU" on the top line and "Career Fair!" on the bottom line.

MTU
Career Fair!

Be yourself!

Be confident!

Speak Clearly

Strong Resume

Be Memorable

1.
Go!

Talk to companies before you HAVE
to!

The Career
Fair is
HARD!

The Career
Fair is
EASY!

What's the difference between these people?



2.

Dress Well

“It’s not who you are, it’s what you wear”

3.

Know who you're
talking to!

Do research on the company first!
Have a plan of attack!

<http://career.mtu.edu/careerfair/fall2015/companies/>

Everyone

BE

PROFESSIONAL

bu

programmer"

OK, so you've got the
interview

Now what?



Technical Questions

Most programming positions will have
some sort of tech screen

There are two types of technical interviews

Non-Software Company

(Ford, Garmin, 3M, etc)

Show an understanding of programming concepts and data structures

Software Company

(Google, Palantir, Epic, etc)

Show an understanding of optimization, efficiency, and complex problem solving

Interview Question!

Given a string, how would you write a program to count the distinct number of letters in it?

Eg "Cool" has 3 ("C", "o", "l")

Interview Question!

What are they really looking for?

Do you understand the problem?

Could you solve simple cases manually?

Did you recognize Edge Cases (special conditions)

Do "E" and "e" count as the same letter?

What approach are you taking?

Are you using an array, a hash map, etc?

Interview Question!

Write a program that can print off the steps to change one string to another by switching two letters at a time.

Example: mug \rightarrow gum:

mug

mgu

gmu

gum

Interview Question!

What are they really looking for?

The best approach!

Can you solve it... efficiently?

Edge Cases!

What if I gave you "cool" → "cool"?

Interview Question!

Write a program that can sort numbers

Example:

8 6 7 5 3 0 9

0 3 5 6 7 8 9

Interview Question!

What are they really looking for?

Knowledge of algorithms

Less emphasis on problem solving, more on experience

Similar Problems:

Write a Linked List, Write a Cache, etc.



Whiteboard Problems

Write a program by hand, and explain why you are doing what you're doing



How to practice

What can you do beforehand to help with technical interviews?

Ways to Practice

MORE INTERVIEWS!

The more you do, the more comfortable you will be!

Take Notes!

Interviews are testing what you learned in the classroom! Pay attention!
(Especially in Data Structures)

Programming competitions!

Put your knowledge to use to solve programming puzzles. Often VERY similar to interview questions.

“

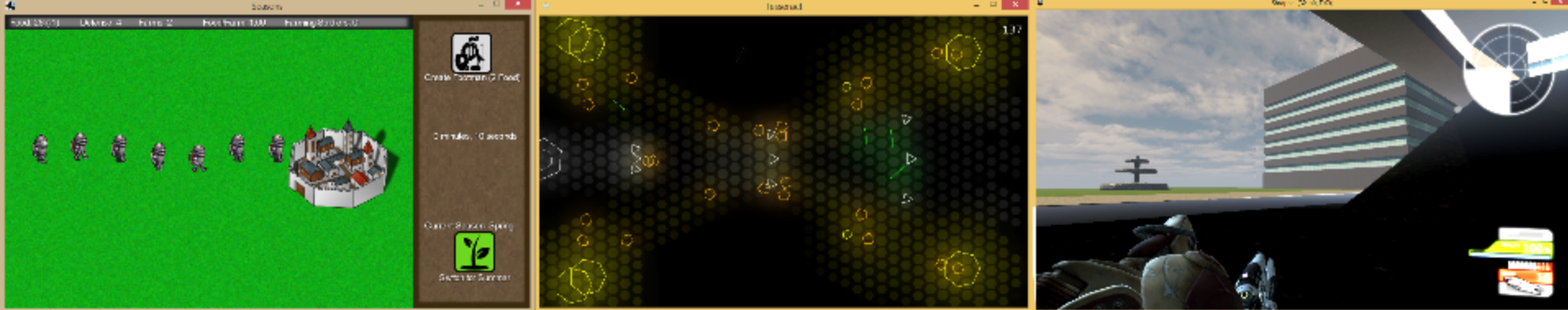
NO”

Thanks!



Any questions?

My contact info is on:
www.MitchHelp.me



All games shown were created by Husky Game Development



HOW TO make **VIDEO GAMES**

No programming experience needed!

www.MitchHelp.me

