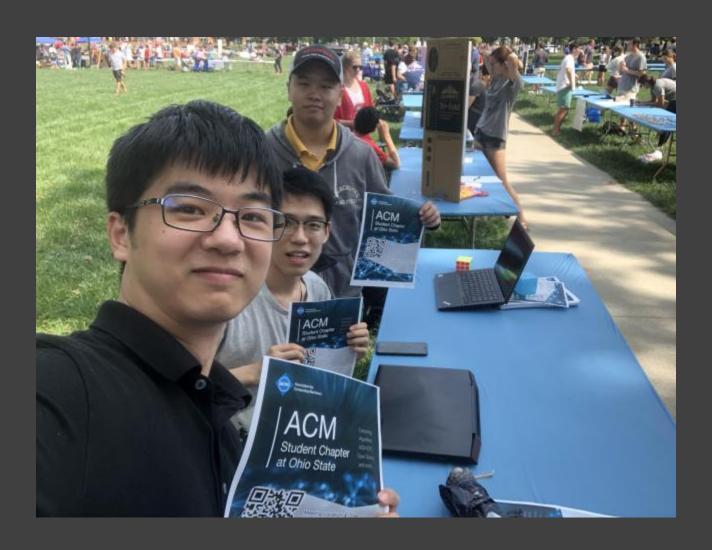
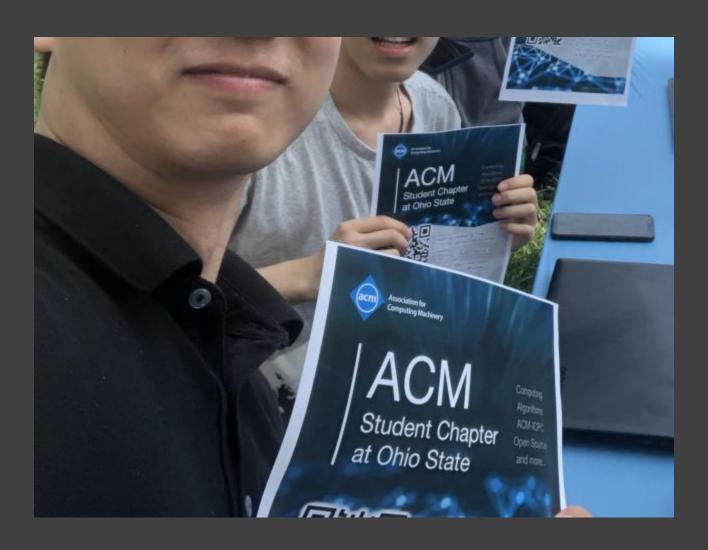
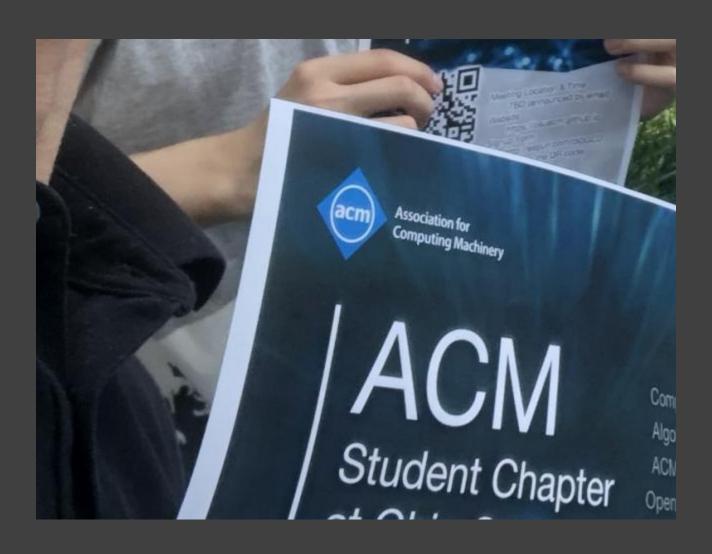
## Hi all,









# Association for Computing Machinery Founded 1947 Largest sci. & edu. computing society

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#### Association for Computing Machinery Founded 1947 Largest sci. & edu. computing society Divided into chapters Conferences, publications, and ... Turing Awards

# ACM-ICPC International Collegiate Programming Contest

#### ACM-ICPC International Collegiate Programming Contest Team of 3 5 hours Typically 8-12 problems Qualifier -> Regional -> World Final





RK	TEAM		SLV.	TIME	А	В	c	D	Е	F	G	Н	É	J
1	void		7	714			1 7	1 21	3 176	1 95	2 74	1 32		2 229
2	Boilers3		7	976			1 8	1 62	3 169	2 147	2 107	1 83		3 280
3	The Hash-Slinging Slashers		6	835			1 14	2 37	2	1 178	1 248	1 110		2 208
4	maho shojo		6	932			1 7	1 71	6 230	1 239	2 175	1 90		2
5	Cedarville Blue		5	520	X	1/	1 13	1 20	5	1 200	6 123	1 64		5
6	Miami White		5	529			1 20	1 36		2 163	1 88	4 142	2	
7	Ohio Green		4	331			1,	1 39	7		2 203	1 58		X
8	Boilers1		4	444			1 27	1 34	3		3	2 112		4 191
9	Most Significant Bits		4	722			1 42	3 141				2 247		1 232
10	Taylor Purple	<b>#</b>	3	96			17	1 29	8			1 50		
14	OSU_1		3	177			1 10	1 21	2		3	1 146		2
26	OSU_2		3	514			1 106	2 175				2 193		

...

### Not Just Programming

Discovering how computers work

Learning teamwork skills

Making friends

Have fun!

### Activities

# Activities Tech Lectures

# Activities Tech Lectures Weekly Challenges

### And Also

Hackathons
Winter Coding Camp
Open source projects
Tech exhibition trips



### AU2018 Schedule

## 8/27 9/3 9/10 9/17 9/24 10/1 10/8 10/15 10/22 10/29 11/5 11/12 11/19 11/26 12/3

### AU2018 Dates

- ~10/1
- 10/6
- 10/27-28
- 11/9-10
- 12/3
- ~12/13

ICPC team meeting

ICPC NA Qualifier

HackOHI/O

ICPC ECNA Regional

Office election

WCC team gathering

### Self Introduction

Name, major, year, ...?
What brings you to coding / CS?
What will you do on your computer
if there is no Internet connection?
Do you use tabs or spaces for indention?

# Weekly Challenge Workshop Alex Li

## Weekly Challenge #0 Chenzhang Hu

#### Complementary Colors

Given integer n and a list of n colors in RGB format (0-255 for each color), please find how many pairs of colors are complementary colors.

#### Complementary Colors

Given integer n and a list of n colors in RGB format (0-255 for each color), please find how many pairs of colors are complementary colors. A pair of colors ( $(R_1, G_1, B_1), (R_2, G_2, B_2)$ ) is complementary colors when R<sub>1</sub> = 255  $-R_2$ ,  $G_1 = 255 - G_2$ ,  $B_1 = 255 - B_2$ .

#### Sample Input 255 255 128 255 255 128 0 0 127 0 127 100 200 255 155 55

100

100

100

## Sample Output 5