Hi all,

ACM

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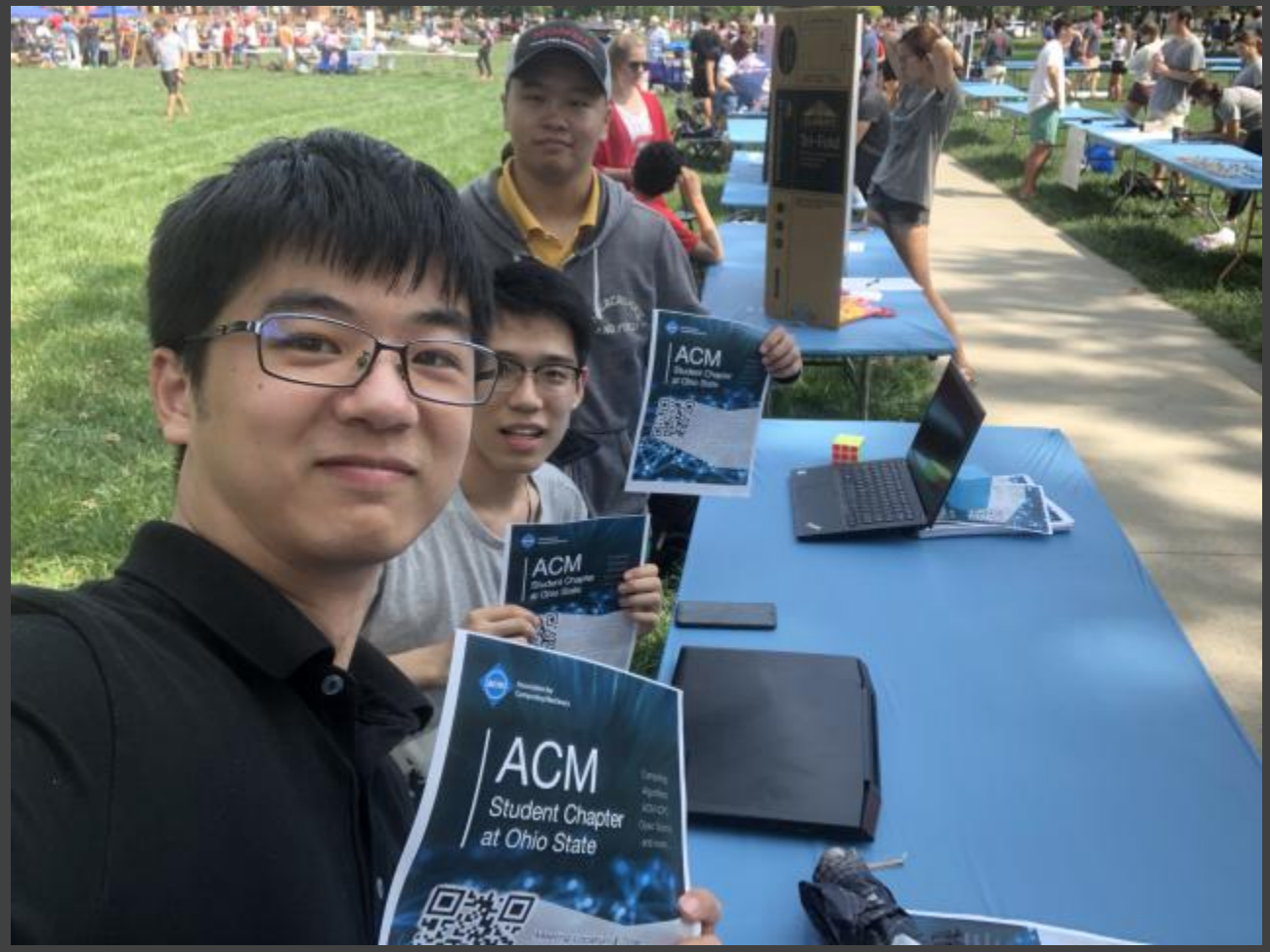

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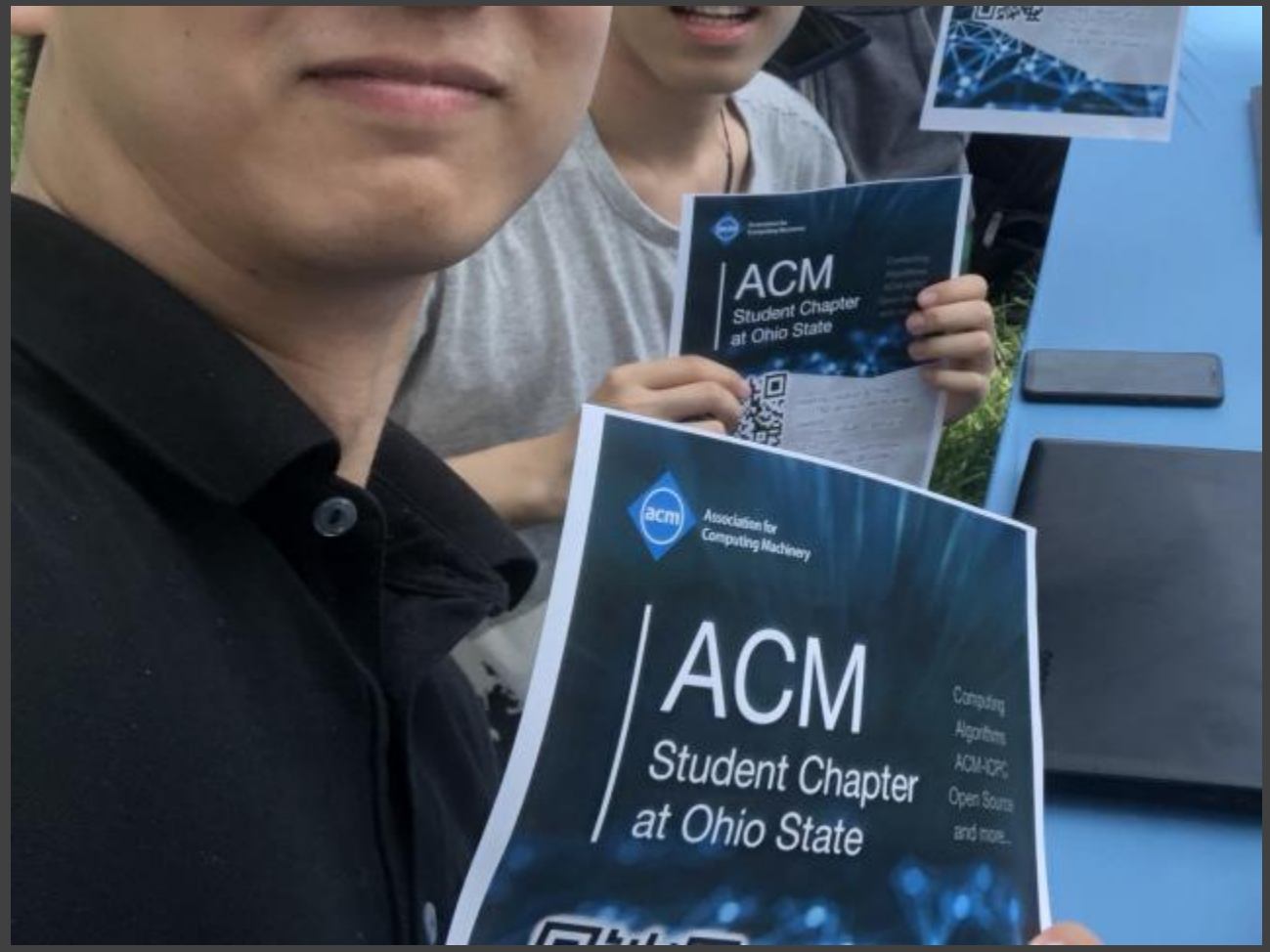
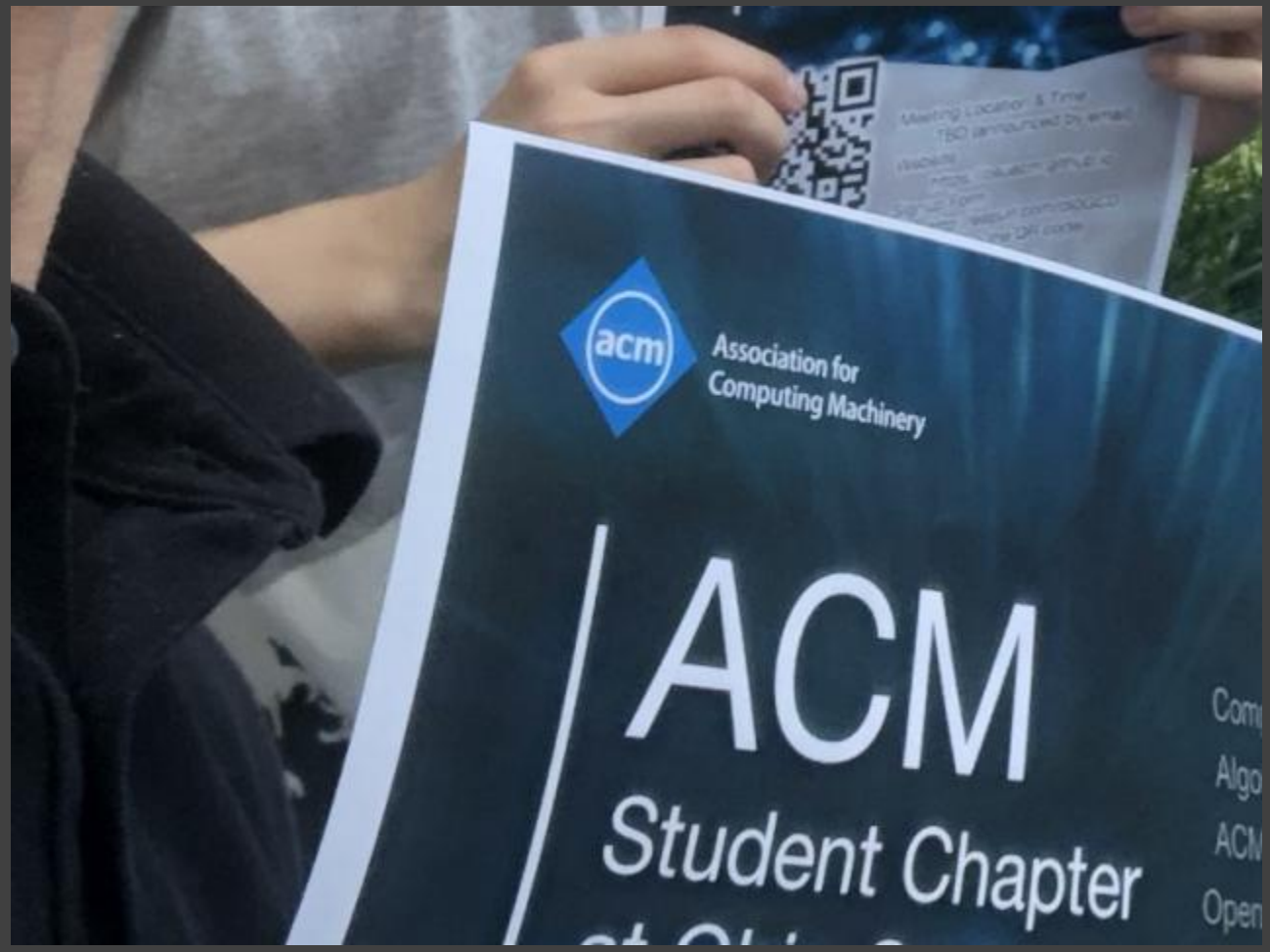

ACM
Student Chapter
at Ohio State
Association for
Computing Machinery
ACM
Student Chapter
at Ohio State
Computing
Algorithms
ACM-ICPC
Open Source
and more...

ACM


acm
Association for
Computing Machinery
ACM
Student Chapter

ACM

Association for Computing Machinery

Founded 1947

Largest sci. & edu. computing society

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Conferences, publications, and ...

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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


The 42nd


B612

RK	TEAM	SLV.	TIME	A	B	C	D	E	F	G	H	I	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		1 --
5	Cedarville Blue	5	520	1 --	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 11	1 39	7 --		2 203	1 58		1 --
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	3	96			1 17	1 29	8 --			1 50		
...													
14	OSU_1	3	177			1 10	1 21	2 --		3 --	1 146		1 --
...													
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 ICPC team meeting
- 10/6 ICPC NA Qualifier
- ~10/27 ICPC ECNA Regional
- 10/27-28 HackOHI/O
- 12/3 Office election
- ~12/13 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 $R_1 = 255 - R_2$, $G_1 = 255 - G_2$, $B_1 = 255 - B_2$.

Sample Input

```
7
255 255 128
255 255 128
  0   0 127
  0   0 127
  0 100 200
255 155  55
100 100 100
```

Sample Output

```
5
```