ACM Fall 2021

CSIP 3

UGA ACM

Introduction

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Welcome!

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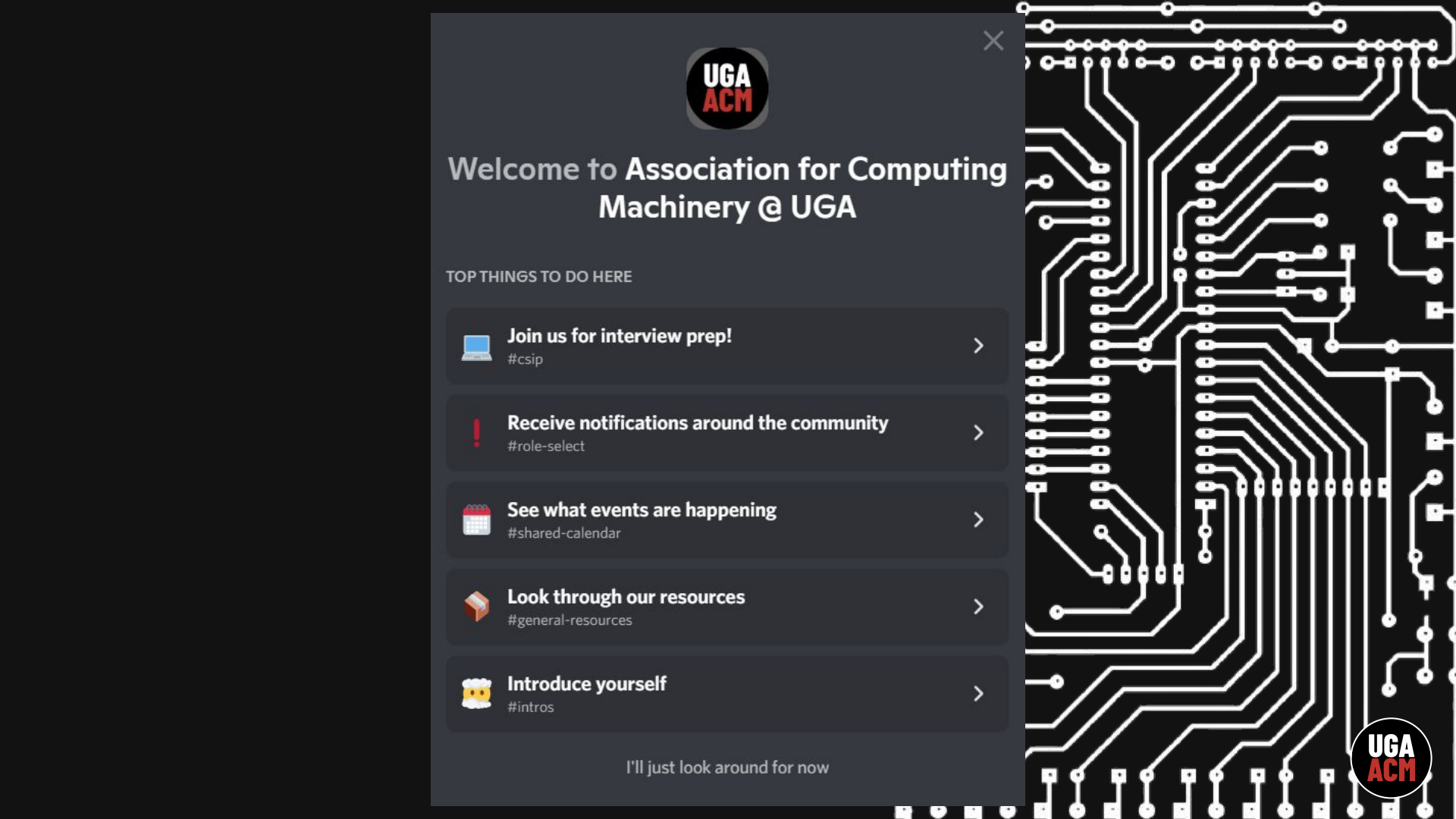
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Welcome to Association for Computing Machinery @ UGA
TOP THINGS TO DO HERE
Join us for interview prep!
#csip
Receive notifications around the community
#role-select
See what events are happening
#shared-calendar
Look through our resources
#general-resources
Introduce yourself
#intros
I'll just look around for now
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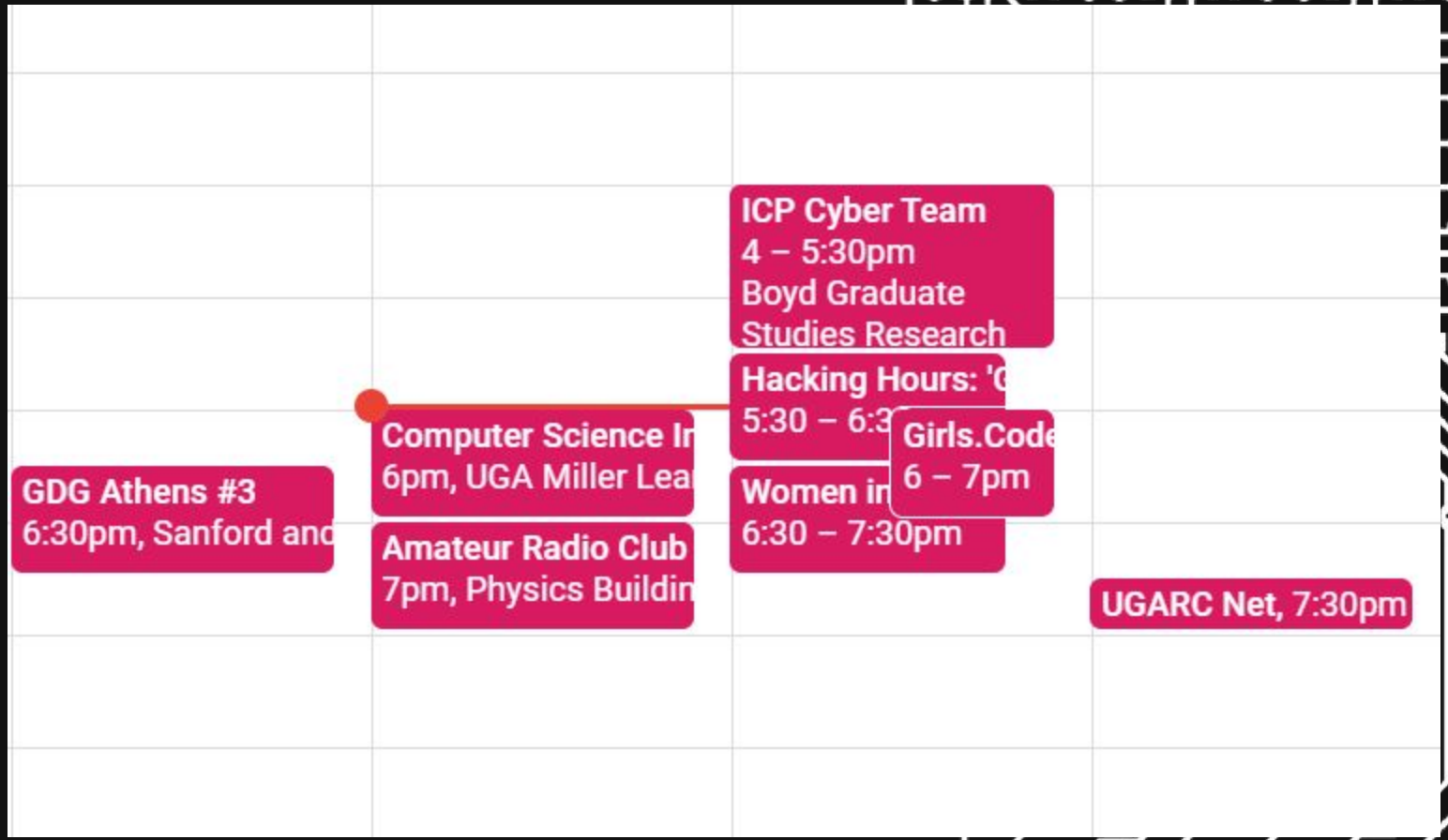
ICP Cyber Team
4 – 5:30pm
Boyd Graduate
Studies Research
Hacking Hours: 'C
5:30 – 6:3
Girls.Code
6 – 7pm
Computer Science Ir
6pm, UGA Miller Lea
Women in
6:30 – 7:30pm
GDG Athens #3
6:30pm, Sanford and
Amateur Radio Club
7pm, Physics Buildin
UGARC Net, 7:30pm

Career Fairs

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Engineering & Computer Science

CAREER FAIR CHECKLIST

October 7, Classic Center (IN-PERSON)

- [ ] Update Resume
- [ ] Update Handshake Profile
- [ ] Select Professional Attire
- [ ] Research 5+ Registered Employers
- [ ] Develop & Practice Elevator Pitch

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- GitHub Student Developer Pack
  - education.github.com/pack
  - Interview Cake
  - educative

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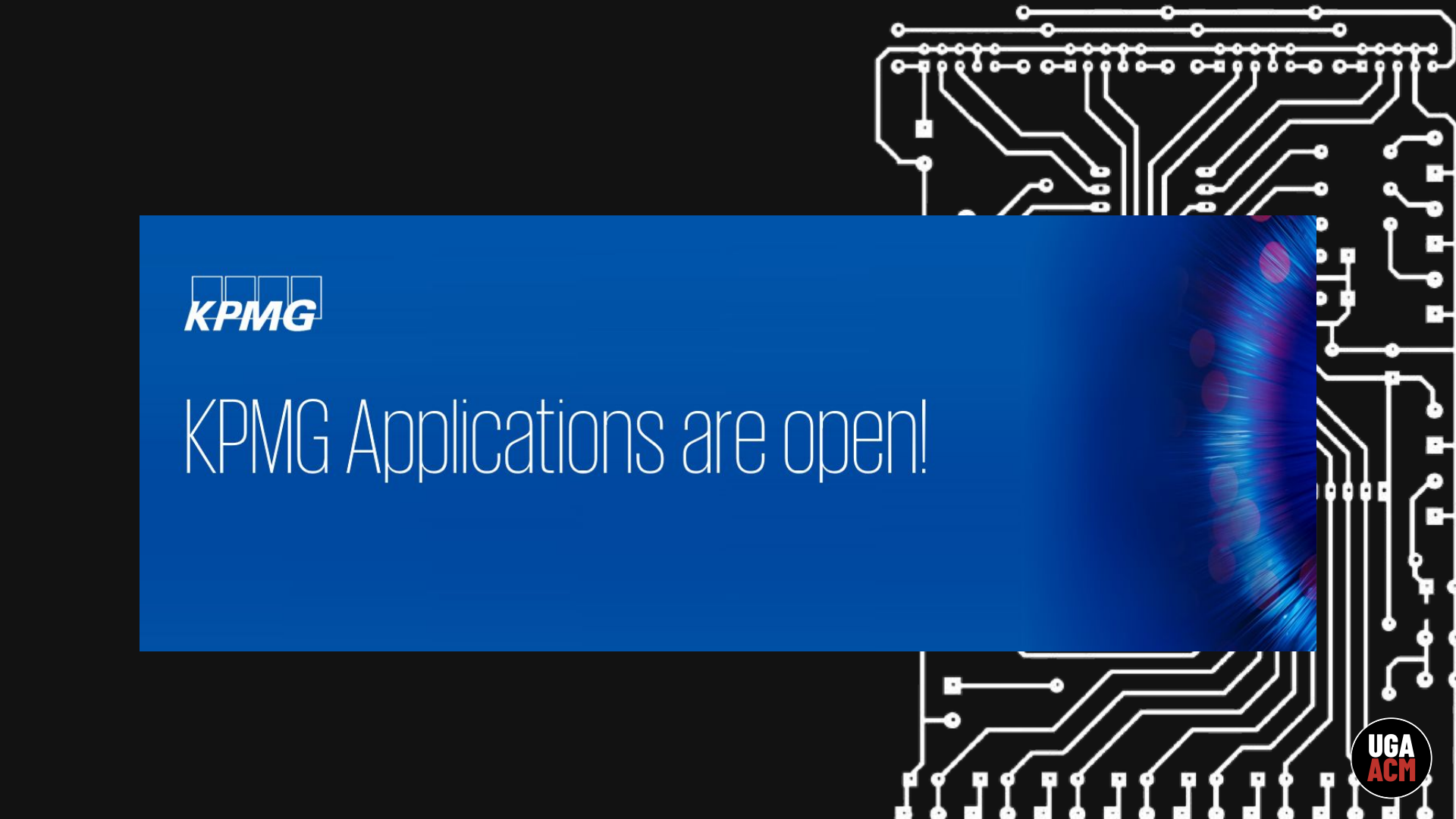
- Career Center
  - Representative: Kenyetta Nesbitt
  - Big Interview
  - Mock Interviews
  - Drop-in hours

KPMG

KPMG Applications are open!



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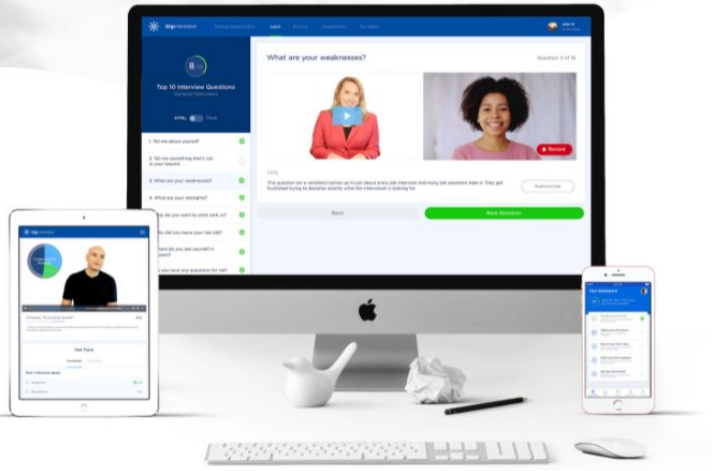
Use Big Interview to learn and practice your interview skills, whether you're interviewing for a job or graduate school.



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Mental health resources

Getting Started

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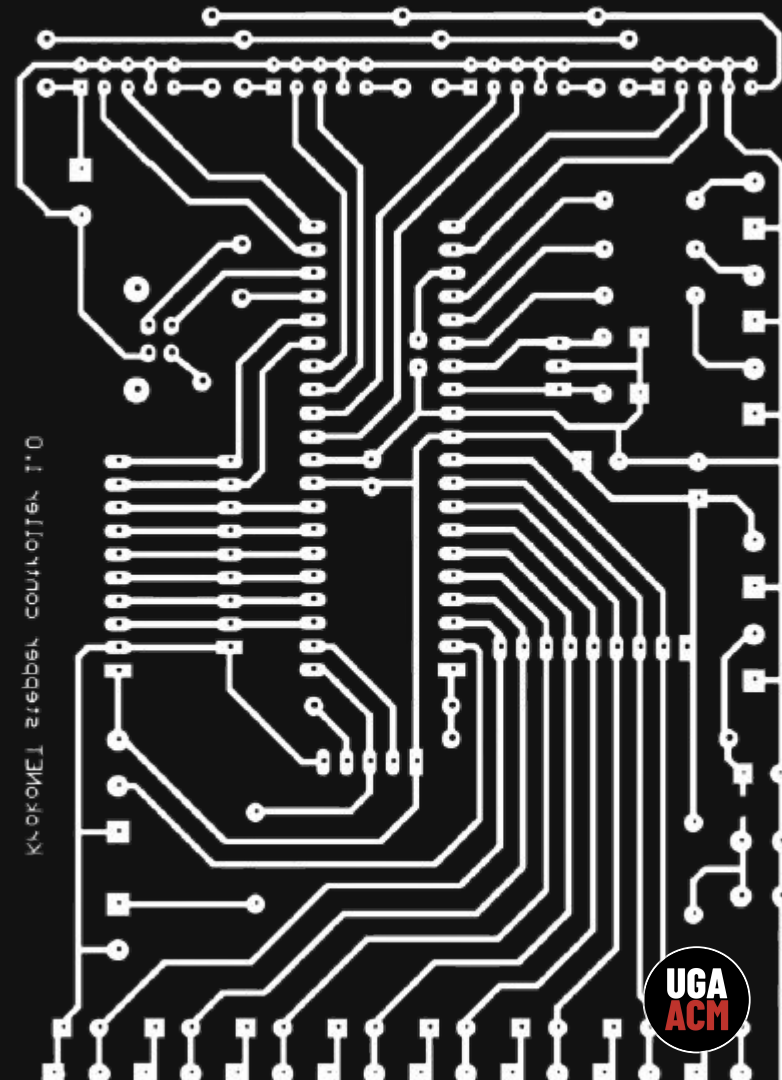
HackerRank



Practice

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67. Add Binary

Easy 3405 401 Add to List Share

Given two binary strings `a` and `b`, return *their sum as a binary string*.

Example 1:

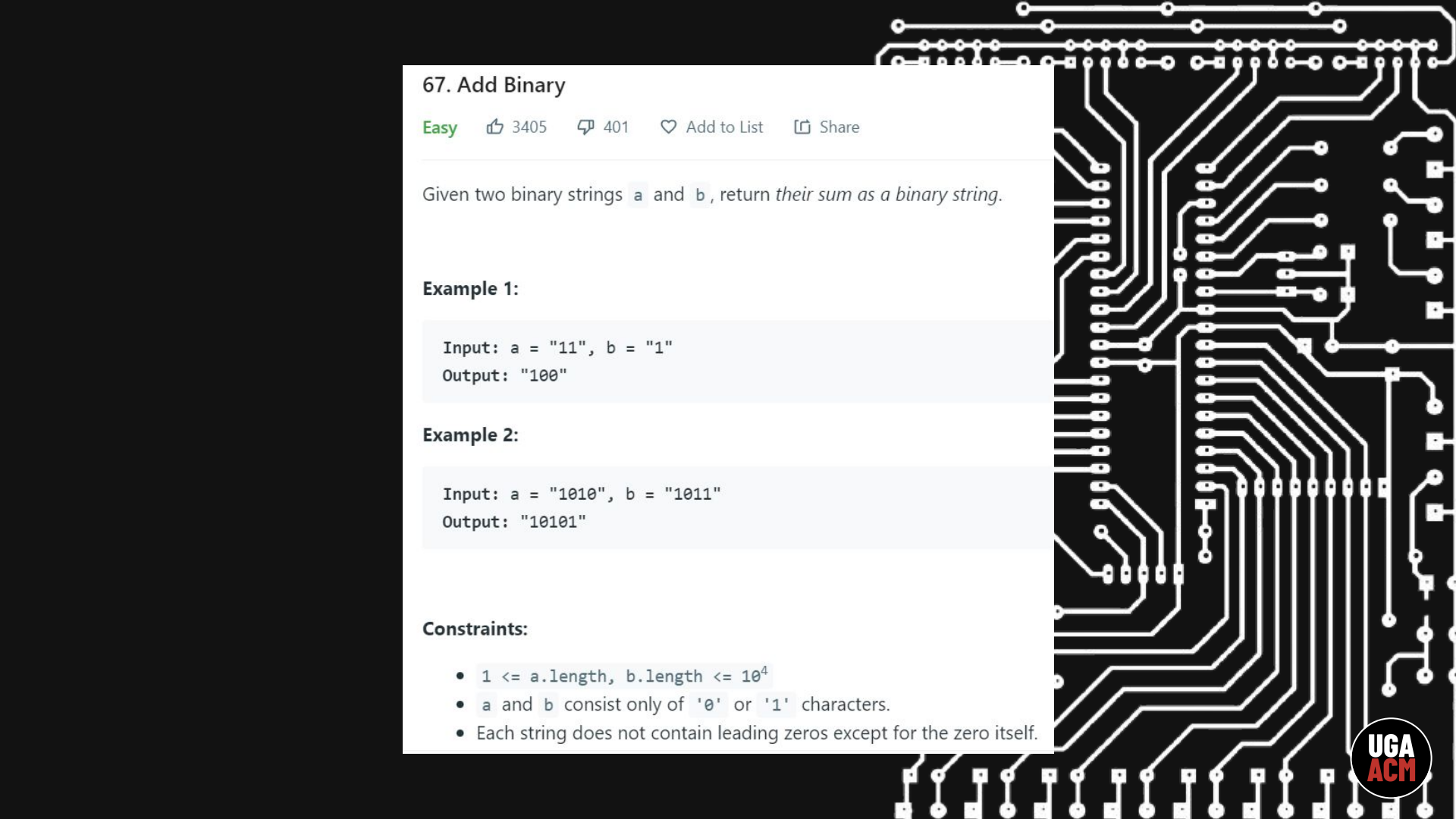
```
Input: a = "11", b = "1"
Output: "100"
```

Example 2:

```
Input: a = "1010", b = "1011"
Output: "10101"
```

Constraints:

- `1 <= a.length, b.length <= 10^4`
- `a` and `b` consist only of `'0'` or `'1'` characters.
- Each string does not contain leading zeros except for the zero itself.



1018. Binary Prefix Divisible By 5

Easy 442 125 Add to List Share

You are given a binary array `nums` (**0-indexed**).

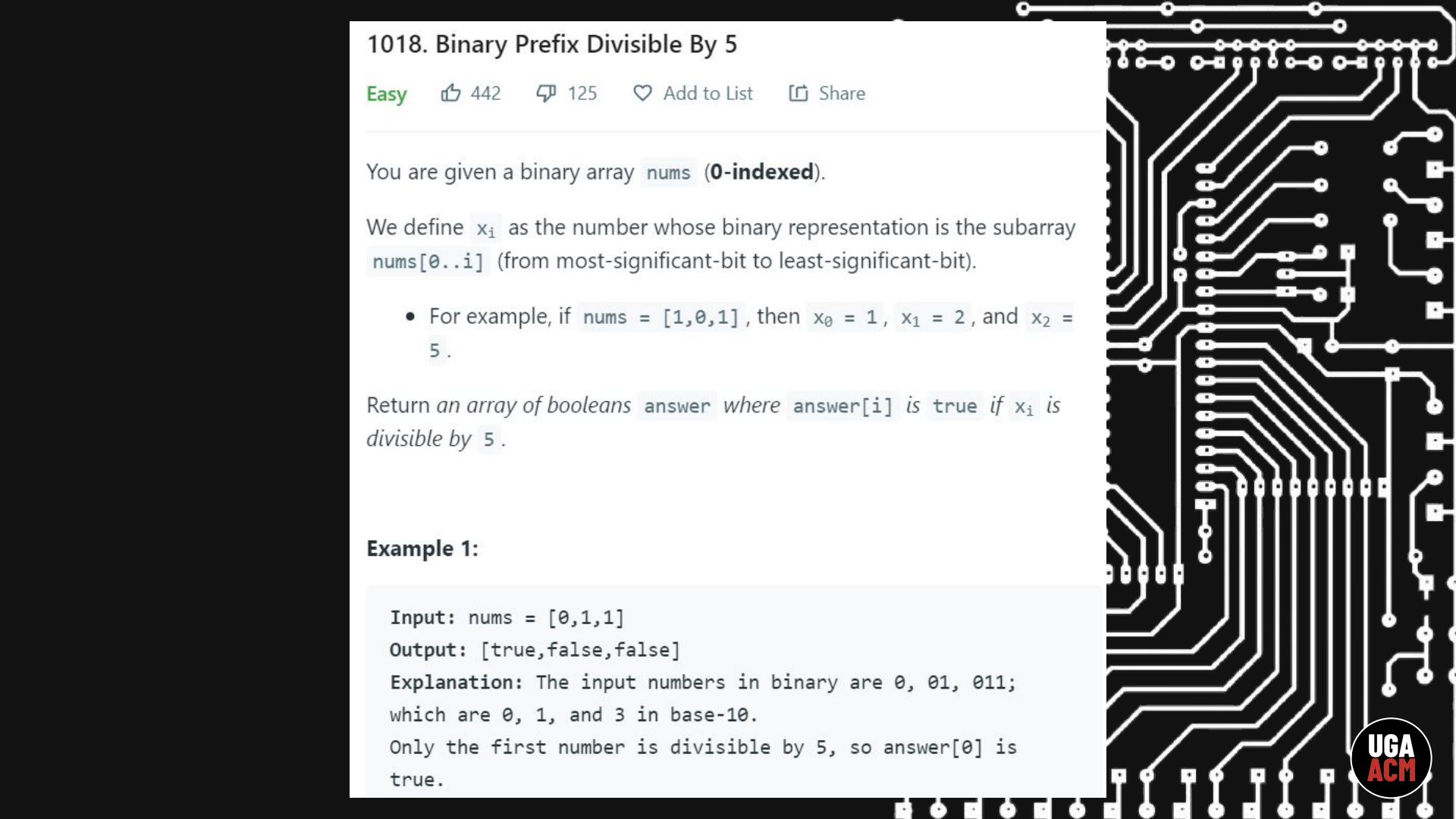
We define x_i as the number whose binary representation is the subarray `nums[0..i]` (from most-significant-bit to least-significant-bit).

- For example, if `nums = [1,0,1]`, then $x_0 = 1$, $x_1 = 2$, and $x_2 = 5$.

Return *an array of booleans* `answer` *where* `answer[i]` *is* `true` *if* x_i *is divisible by* `5`.

Example 1:

```
Input: nums = [0,1,1]
Output: [true,false,false]
Explanation: The input numbers in binary are 0, 01, 011;
which are 0, 1, and 3 in base-10.
Only the first number is divisible by 5, so answer[0] is
true.
```



CSIP @ UGA

Computer Science Interview Prep at the University of Georgia

Athens, GA http://csip-uga.github.io

Overview Repositories 3 Packages People 3 Projects

Pinned

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CSIP @ UGA Homepage
HTML 1

archive
Interview Prep Problems
Python 9 2

challenge-001
Word Counting Redux
1

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Conclusion

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- Calendar

→ Consider becoming a member!

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