CS Internships

And other summer activities


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When are they?

Typically are ~10 weeks and start sometime in early June

Applications for most opportunities are already open

Hear back for a coding interview anywhere between a week to >1 month

Process

Apply

Coding challenge/behavioral test

Interview(s)

<Onsite>

Offer

Do I have enough knowledge?

You pretty much just need to know data structures (all of you!) and some algorithms (which we cover later in the course)

Take algorithms next semester if you want to have better chances

In general, they won’t really care about what youve taken, just that youre a good programmer/thinker

Cool. What do I need to succeed?

- A good resume (we will talk about that in a minute)
- Side projects
  - Class projects (Systems, electives)
  - Individual projects
    - Clubs: Oberlin hackathon, Machine Intelligence @ Oberlin
  - Research
  - Open Source contributions

I dont have a resume

Thats ok

Making one is easy

Its a chance to show off all your wonderful abilites

See Bob’s resume website for examples

I’d be happy to look over your resume

*getting advice on a resume is like critiquing art. Everyone will have something different to say, and sometimes advice conflicts.

I’m just a sophomore!

Thats ok too!

There are many programs geared towards non-third years

- Microsoft Explore
- Google Engineering Practicum
- Google Summer of Code
- REUS
- Facebook University
- Many more...

REUs

Research experience for undergrads

Excellent opportunity

Competitive, apps open in the winter

Go to a different university (Cornell, WashU, etc) and do research with faculty there.

Ideal for prospective graduate students

How to Prep

Be able to talk through your code

Applications get easier the more you do them

Leetcode for interview practice

Classes for next semester

Check oberview for the actual schedule

Offerings: Architecture (210) (need 241), Systems (241), Abstractions (275), Discrete (MATH 220), Algorithms (280) - need discrete,

For majors: take another math course (linear, multi)

Think critically about doubling up with 280 or 220, both are intense classes depending on the professor