Sara's 1st/2nd Year Internship Masterlist

[Google's Engineering Practicum](#)

Location: Mountain View, CA

Minimum qualifications:

- Must be a first-year or second-year undergraduate student currently pursuing a Bachelor's degree in Computer Science or a related technical field at a university in North America.
- Programming experience in one or more of the following languages: C, C++, Java, JavaScript or Python.
- First-year students must have taken one college level Computer Science course by end of first semester. (AP or IB Computer Science is acceptable).
- Students must be available for a full-time 12-week internship from May 2020 to August 2020 or June 2020 to September 2020.

Deadline: Applications are due October 31, 2019 at 11:59 PST

Info:
Engineering Practicum (EP) is a 12-week internship for first and second-year undergraduate students with a passion for computer science. The program provides developmental opportunities to students from groups historically underrepresented in tech through technical training and professional development. Students from all schools, and students who identify with a group that is historically underrepresented in the technology industry, including but not limited to women, Black, Latinx, Hispanic, Native American, students with disabilities, and Veterans are encouraged to apply.

[Explore Microsoft](#)

Location: Redmond, WA

Qualifications:

- Candidates must be in their first or second year of college and enrolled in a bachelor's degree program in the United States, Canada, or Mexico with a demonstrated interest in majoring in computer science, computer engineering, software engineering or related technical major. Students must have completed an Introduction to Computer Science course (or equivalent class - Intro to C/CS1!) as well as one semester of calculus (or equivalent) by the start of the program. Finalists will be selected based on eligibility and demonstrated interest in the software industry.
- All candidates who meet the above criteria may apply. We especially encourage applications from groups currently underrepresented in engineering, including women, Native-Americans, African-Americans, Hispanics, Veterans and students with disabilities

Deadline: No real deadline but you should aim to apply Early September/October. Application spots generally fill up by November

Info:

Explore Microsoft is a 12-week summer internship program specifically designed for first and second year college students. The program is rotational and allows you to gain experience in our different software engineering roles. It's also designed to give you hands-on experience with various tool and programming languages in the field of software development, and encourage you to pursue degrees in computer science, computer engineering, or related technical disciplines. Your on-the-job learning will be augmented with mentoring, community building and networking opportunities.

> *Sara's Note:* The Explore Program is generally a 2-round interview process: First Round is (usually) over the phone with soft skills/teamwork/minor design and testing questions. Know why you're passionate about technology!
> 2nd round is an all expenses paid trip to Seattle/Redmond (3 days, 2 nights). Microsoft covers airfare, hotel, ground transportation, food, and tourism.

Twitter Academy

Qualifications:
- Interested in computer science/engineering, hardware, machine learning, network security and/or data science.

- Full-time student identifying as black, Latinx, and/or Native American completing your undergraduate study in 2021 at a university or college.
- Student studying in the US, Canada, and/or Mexico.
- Available to intern the full duration of the summer 2020 internship (May - August)

Deadline: November 4th 2020

Info:

Twitter Academy is a paid 12-week summer internship program designed for second-year students interested in gaining hands-on and real-life experience in the tech industry. Throughout the summer, interns participate in bi-weekly workshops and mentorship geared to sharpen your technical skills and cultivate your professional development. This program is for historically underrepresented (black, Latinx and/or Native American) students in Tech.

Facebook University

Location: Menlo Park, CA
Qualifications:
- Current first year (Class of 2023) or second year (Class of 2022) college student studying at a four-year university (or equivalent program for special cases) in the U.S.
- Must have authorization to work in the U.S. at the time of hire and for the duration of the internship (June 24 - August 16)
- Must be at least 18 years old by program start date
- Demonstrated interest in science and technology
- Available to work in Menlo Park, CA or Seattle, WA for the duration of the internship
- Knowledge of at least one programming language (ie: C/C++, JavaScript, Java, PHP, Ruby, Python, Lua, Objective C etc.)

Deadline: Opens September 20th 2019, closes December 2nd 2019

Info:

We believe that anyone, anywhere can make a positive impact by developing products to bring the world closer together. Facebook University (FBU) for Engineers is a paid eight-week training program designed to provide mobile development experience to students who are historically under-represented in computer science.

The eight-weeks is broken down by three-weeks of mobile development training in either iOS or Android, followed by five-weeks of hands-on project work on small teams of three. Throughout the duration of the program you'll be paired with a Facebook Engineer who will serve as your mentor and guide you along the way.

Code 2040

Info:

We connect Black & Latinx tech talent with companies, mentors, and peers committed to racial equity and inclusion in the tech sector.

Our programming is focused on supporting early-career tech talent, from college and graduate-level computer science students to Black & Latinx technologists navigating their first jobs. Our core programs have developed from our learnings and data to address the issues driving systemic exclusion of Black and Latinx technologists in the tech sector.

Through these programs and custom engagements, we work with industry leaders to craft unique, impactful partnerships and initiatives that will help them hire and retain diverse talent. We have robust set of offerings for partnerships and also have great opportunities for individuals to volunteer.

Programs:

Early Career Accelerator Program (ECAP)

ECAP is geared towards Black & Latinx tech professionals in the beginning of their careers. Participants will receive socio-emotional, professional, and management development through in-person workshops, mentorship and coaching, and online engagement. In this program, we'll build community, make space to commiserate, and most importantly, find tactical solutions to the professional and cultural roadblocks we face in the workplace. Our goal is to ensure that our communities are able to not only survive, but thrive in the workplace. Visit here for more information.

Fellows Program

This 10-week career accelerator works with Black and Latinx college-level CS students from around the country in an intensive summer in San Francisco, Silicon Valley, and

New York City. Students intern at top tech companies, participate in a series of career building session, and engage in racial equity advocacy work. Visit here for more information.

To be eligible, applicants must:

- Be an undergraduate or graduate student planning to return to school in the fall semester following the internship (aka be going back to school in Fall 2020)
- Have experience coding
- Attend a U.S. college or university
- Self-identify as Black and/or Latinx
- Be interested in advocating for racial equity in the tech industry

Tech Trek

Tech Trek is designed to address the key factors in the retention and persistence of Black and Latinx computer science/engineering majors' on the path to becoming thriving technologists and leaders in the innovation economy. The all-expenses paid program connects you with a cohort of 50 Black and Latinx students from across the United States to gain the network, resources, and community needed to launch and sustain your tech career. Students will build their Black and Latinx peer network; visit local tech companies to engage with company leaders, engineers, and innovators from diverse backgrounds; and engage in identity and leadership development sessions with Code2040.

What are the requirements?

Candidates must self-identify as Black and/or Latinx.
Candidates must be pursuing an undergraduate degree program at a U.S. college or university, majoring in Computer Science, Computer Engineering, Computer Software Engineering, or comparable program.
Candidate must be between 18-24 years old to participate in the program.

Candidates must demonstrate: A strong commitment and eagerness to complete their degree, have an emerging opinion or understanding of why diversity in tech is valuable, and how they can use their degree and career to be a champion for tech equity.

How to Land an Interview:

The most important part of getting an interview is getting your resume up to par. There's a lot of personal preferences with how resumes are organized so I won't go too in depth, but important things to include on your resume are: Education, Work/Research experience, volunteer activities, extracurricular clubs, coding languages (and specify how proficient you are in them!!), scholarships, awards etc.

I've attached the resume I used after LEARN to get my internship at Microsoft here. Please don't copy this formatting it's horrible. But you can see the kind of information/organization I had.

And here is my most updated resume as I'm graduating from college for reference. You don't have to structure your resumes exactly like this but whatever you do, do not use a word template. Please.

How to actually land the job:

STUDY. Interviews in CS in general can generally be described as broken into rounds. The 'first round interviews' tend to be behavioral questions and judging whether you are a good fit for company culture and/or a good team player. This could be over the phone or in person. Be sure to know facts about the company you're interviewing for, why you want to work there, and have follow up questions prepared. There's a lot more you can do to prepare for this so do more research for the position you are applying for!

'Second round interviews' aka final rounds are usually the technically heavy interviews. Know your data structures and algorithms from CS1 (and CS2 if you've taken it by this point). Also design questions are a possibility depending on the internships. For this you're gonna wanna sit down and study, please don't try and wing them.

Resources I found helpful:
Cracking the Coding Interview
Leetcode.com
r/CSCareerQuestions
Companies Websites
Glassdoor (Companies Internship interview questions)
Practicing Foundation Exam questions