



**Sign In!**

# HOW TO GET AN INTERNSHIP

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Hosted by SASE Board





## Our Mission:

Together, deliver the right home improvement products, with the best service and value, across every channel and community we serve.



# Vision



**Create a true  
omnichannel  
experience**



**Grow online  
sales**



**Attract and retain  
the best tech talent  
in retail**

# Key Tech Wins, 2018-2022

## CUSTOMER EXPERIENCE



Moved **Lowe's.com** to the cloud, 15K+ improvements



Dramatically improved **user experience**



**Curbside** pickup and touchless **lockers**



**LiDAR Measure** Your Space™



Pro Loyalty & CRM

## ASSOCIATE EXPERIENCE



125K+ **smart phones** for store associates



Workforce management tools



Modern associate **selling systems**



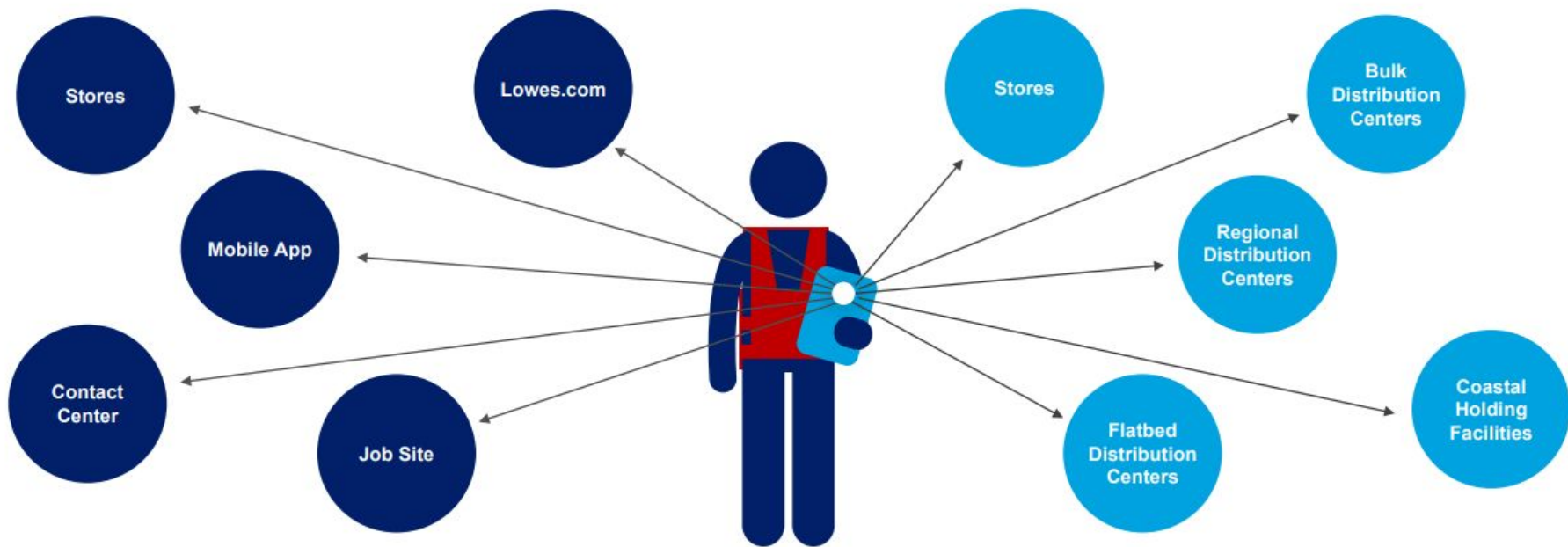
Electronic signs



Store Inventory Management System



# Omnichannel experience



A single view of our customer, regardless of which channel(s) they use

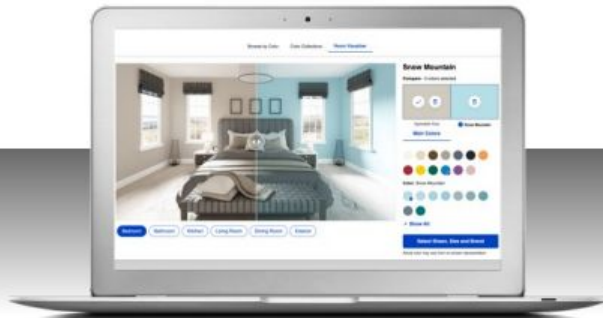
A single view of our inventory, regardless of where it is



# Enhanced user experience

MAKING PROJECTS EASIER

to visualize



to estimate



to shop



# Enabling supply chain transformation

USING AI, MACHINE LEARNING AND AUTOMATION TO IMPROVE CUSTOMER SATISFACTION









## Follow up

**Patrick Iknayan, Associate General  
Business Recruiter**

[Patrick.iknayan@lowes.com](mailto:Patrick.iknayan@lowes.com)

**Scotty Creelman, Tech Recruiter**

[scotty.creelman@lowes.com](mailto:scotty.creelman@lowes.com)

**Amy Beekley, Tech Recruiter**

[amy.beekley@lowes.com](mailto:amy.beekley@lowes.com)



@LOWESCAREERS



@LOWESCAREERS



@LOWESCAREERS



LOWE'S COMPANIES, INC.

# Keep in touch!



Scan me to let Lowe's know you attended this event, and indicate interest in various fulltime and internship positions!

LOWE'S

LOWE'S

# General Application Cycle (CS + Engineering)

## 6. Offer!!

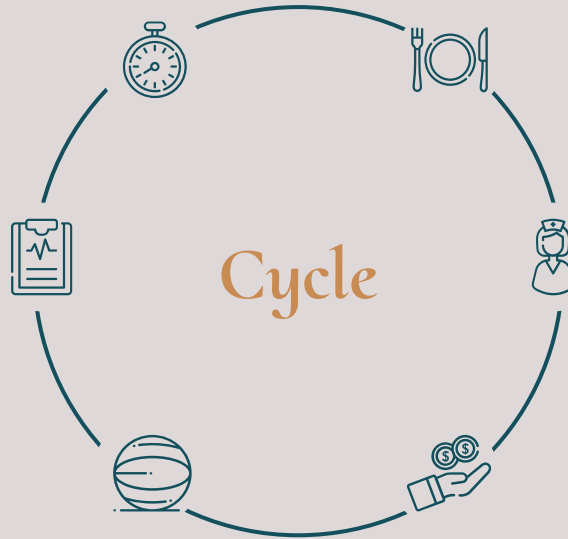
Celebrate!! Your hardwork has paid off

## 5. Interview (Behavioral)

This is your chance to show how you'll be a great fit on the team

## 4. Interview (Technical)

Demonstrate some of the skills you might use during your internship



## 1. Searching for Internships

Some open in summer, other fields open in Fall

## 2. Apply for Internships

Usually just your resume, contact info, sometimes a short prompt

## 3. Pass Resume Screening

Depending on how many applicants, this can be the toughest part



# Resources

All resources mentioned can be found at this link:

<https://tinyurl.com/SASEResources>



# The Plan

1



Finding  
Internships  
to Apply to

2



Maximizing  
your Chances  
of Receiving  
an Interview

3



Getting  
past the  
Interview

4



Lowes  
Presentation  
+  
Intern Advice





1

# Finding Internships to Apply to

# Applying Online

- Difficulty: easy (tedious sometimes)
- Success rate: mixed (lots of applicants)
- Find places to apply
  - **TikTok** (@ranatechtok, @internshipgirl, @techyelly, @dryguy\_chemicalengineer)
  - “Your intended role” + **reddit**
  - **GitHub** pages (CS mostly) → specify types
  - **LinkedIn** → university recruiters, your peers
  - Companies coming to career fairs
- Tips to succeed
  - Applying early, referrals, Simplify → make manual applying easier, internship tracker, #opportunity-posting



# Underclassmen Opportunities

- There may be less opportunities for underclassmen but **there are still opportunities** available!
  - You should still apply
  - Gain experience with the application process
  - Be prepared for next year
- Can do research or other jobs over the summer
- **Underclassmen Specific Programs** – Primarily CS
  - Amazon Propel
  - Microsoft Explore
  - Google STEP
  - NVIDIA Ignite
  - And many more! ([Tech Internships](#), [CS GitHub](#))

# International Internships

- **Why intern abroad?**
  - Cultural immersion
  - Global experience differentiates your resume
  - Basically a 2-in-1 study abroad and internship
- Things to consider:
  - Different countries have different **work visa requirements**
  - Have to figure out housing, transportation, insurance, fluency in local language
  - **Cost** :(
    - Apply for scholarships!

# International Internship Options

- **UF Internship Abroad** engineering programs
  - Good for first-time internship experience
  - Singapore, Ireland, Brazil, South Africa (Capetown)
  - Attend the study abroad fair for more information (Wednesday, Oct. 4th, 10AM-3PM, Reitz North Lawn)
  - View upcoming workshops and info sessions [here](#)
- **Other program providers**, e.g.:
  - [CEA CAPA](#)
  - [IAESTE](#)
  - [Technion](#)
- **Apply directly to companies** offering internships in your industry and location(s) of interest
  - Requires the most research on your part



# Conferences

- **Why go to Conferences?**
  - Looking for hires
  - Chance to network
- **What is SASE NC?**
  - [SASE National Conference](#)
  - October 12-14
  - Workshops
  - Hospitality Suites
- **Other Conferences:**
  - SASE South East Regional Conference
  - SHPE National Conference
  - Grace Hopper
  - PyCon
  - Hackathons

[tinyurl.com/SASEResources](https://tinyurl.com/SASEResources)



# Specific Opportunities

- Find **niche** events within your major!
  - Examples:
    - ESSIE Evening with Industry
    - SWE Evening with Industry
    - ASCE, ASME, ASABE, IEEE, and more!
- Allows you to network with people within your major specific career industry
- Make **friends** with others in your major
  - Future referrals
  - Career related advice
  - Inside scoop :D

# Other Tips

- Coffee chats
  - Casual meeting usually between 15–30 minutes
  - **Hardest part:** first initiative
  - Tip: start out with recent Alumni
  - Things to talk about
    - Advice/tips, niche programs at x company, how to stand out in interview, things that are important at x company
- Check out our [Coffee Chat Guide](#)
- Attend **company events** on campus
  - Apply first
- Companies come out to **design teams**
- Connections through **professors/research**



2

Maximizing your  
Chances of Receiving  
an Interview

# Brief Resume Review

- Most cuts happen at the resume reviewing stage
- Most important tips
  - ATS friendly → formatting!
  - Matching **job description**
    - Ex. Includes Data Structures (even if taking soon)
- Wording your experience effectively
  - Action verbs + quantify + XYZ/STAR method
  - **XYZ**: Accomplished [X] as measured by [Y], by doing [z]
- Tailor your resume to your position
- Checkout resources + slides from the [Resume Workshop](#)



# Cover Letters

- “Optional, but Recommended”
- How do cover letters impact my chances?
  - It depends :/
- General Gist
  - Intro information
  - Opportunity to go more in depth about a particular experience
  - Your interdisciplinary skills (or skills in the description)
  - Why you’re passionate about the company (goals, mission)

# Examples

NAME

(904) 999-9999 | gator@gmail.com | linkedin.com/in/nname

September 21<sup>st</sup>, 2023

BestCompanyEver  
42000 Rainbow Way  
New York City, NY

Dear [Recruiter],

I am excited to submit my application for the Software Engineering internship position at \_\_\_\_\_. Currently, I am a first-year student at the University of Florida, pursuing a BS in Computer Engineering with a minor in Mathematics. My purpose in writing this letter is to convey why I am confident that my mindset, skillset, and previous experience would make me an exceptional intern.

*Innovation* As an intern at the Society of Asian Scientists and Engineers, I was tasked to organize a technical workshop. To create an engaging workshop, the other interns and I chose automation as our theme. Despite not having background knowledge, I was confident in my ability to quickly acquire the needed skills. So, I learned how to automate with python (including sending automatic emails and scanning pdf files) and the technology behind NFC tags myself, before teaching it to others.

*Self-Motivation* To strengthen my understanding of what I have learned in my programming classes, I created a few personal projects. To enhance my knowledge of graphic design and data structures, I used several data structures in my activity tracker for cricket players. Also, to boost my personal productivity I programmed a unique version of the Pomodoro timer that I use on a daily basis.

BestCompanyEver is the ideal company for me because its emphasis on inclusion and innovation aligns with my own values. My passion for technology, teamwork skills, adaptability, and overall eagerness to learn make me the perfect candidate for this position. Please contact me at (904) 999-9999 or gator@gmail.com to discuss my application. Thank you for your time and I look forward to hearing from you soon.

Sincerely,



Benjamin Franklin

Name  
2800 SW 69th Pl  
Tallahassee, Florida 32223  
Apt 905  
(999) 999-9999  
gator@gmail.com

June 6<sup>th</sup>, 2022

1 Rocket Road, Hawthorne, CA 90250 United States

Dear Internship Coordinator,

After I found out about your internship position on LinkedIn and at the career fair, I was very interested in applying to be an intern for SpaceX. Currently, I am a second year Mechanical Engineering major at the University of Florida. However, because of my inquisitive nature, I began to take more accelerated classes during high school and now take classes such as Thermodynamics, Mechanics of Materials, and Design/Manufacturing laboratory, which are all classes related to your internship position and allows me the opportunity to graduate earlier. My desire to continue learning is not only seen in my academics, but also in extracurricular activities outside of class.

As a member of the Gator Motorsports brakes team, I get to work on various components that affect the overall vehicle dynamics of our formula style racing car. Such system types are what I am passionate about as a Mechanical Engineer and are very applicable to the industry. In addition, I am an intern with the Society of Asian Scientists and Engineers, where we work as a team to connect students at the University of Florida with companies of various industries to gain a better understanding of what it takes to be an engineer. The prior experience with Gator Motorsports and being a part of the Society of Asian Scientists and Engineers has allowed myself to learn how to conduct engineering tasks but also how to operate within a team.

Furthermore, I am proficient with MATLAB and Solidworks. By being able to successfully complete several coding projects, such as coding logic for the game 2048, my critical and innovative thinking skills would be a benefit to your company. In addition, the experience I gained at Gator Motorsports assisting my lead with various CAD assemblies using SolidWorks demonstrates my ability to apply my CAD knowledge to SpaceX products.

As an aspiring Mechanical Engineer, I am looking to grow my skills at a professional and reputable company that deals with systems that I am passionate about, and I believe SpaceX is that company. As an engineering intern for SpaceX, I would contribute to the innovative and analytical thinking that makes your company successful. Thank you for your consideration of me as a potential candidate and if you need to contact me, you can reach me via email (vquang553@gmail.com) or phone (904-487-9263).

Sincerely,



Benjamin Franklin

# Elevator Pitches

- General Format
  - Name
  - Interests → name drop specific program if you can
  - 1-2 Experiences/Projects
  - Differentiate
  - Call to Action
- Other format - Past, present, future
- Tips
  - Natural + short/sweet
  - Practice
  - Personalize to your audience/company
  - Following up
- [Elevator Pitch Guide](#)

# General Tips

- Apply as **early** as possible
  - Most positions have rolling applications
- Attend **career fairs**
  - Network with recruiters and earn interviews
- Attend **company events**
  - Learn more about the company
  - Attendance can guarantee you an interview or special application link
- Use your **network**
  - Learn more about a position or get a referral



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## Getting past the Interview



# Behavioral Interviews

- Time for you to show recruiters your **personality!**
  - Be personable, engaging, and passionate :)
  - Recruiters and Engineers take into account how you respond to gauge if you fit into the team
- Research the company and position
- STAR format
  - [Experience tracking sheet](#)
  - Know 3-5 anecdotes
- Practice common interview questions
  - Google interview warm up, Quinncia, Career Connections Center
- Importance of following up



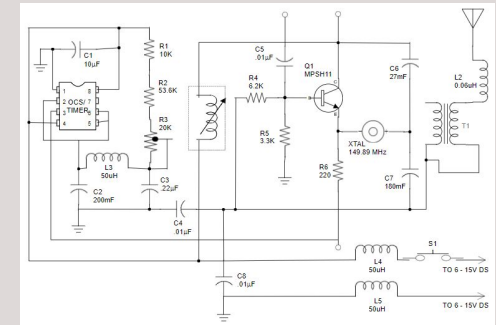
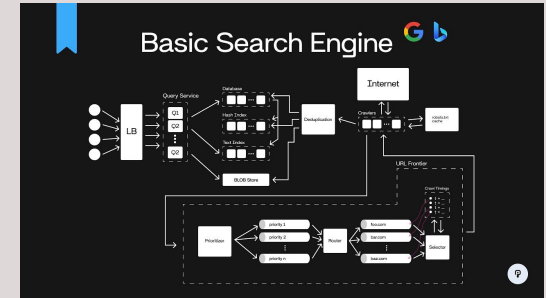
# Excel at Commonly Asked Questions

- How are you?
  - Say more than just “good”, show your personality
- Why do you want to work \_\_\_?
  - Don't regurgitate home page of the website
  - Focus the question on how you would be a good fit with this company
  - Company values + yearly/5 year goals
- Greatest weakness?
  - Be genuine
  - Important to address how you're working on the weakness



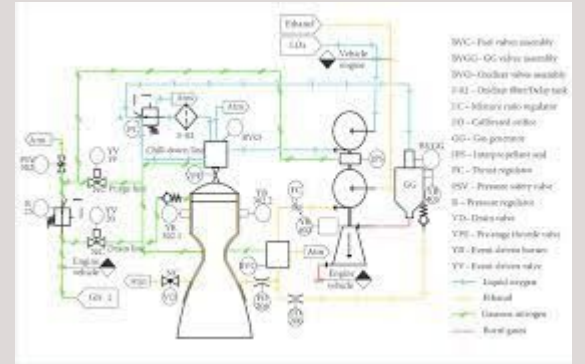
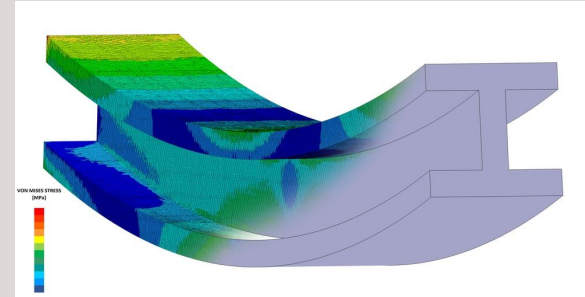
# Technical Interviews

- Software Engineering (adjacent roles)
  - Data Structures & Algorithms
    - [Leetcode](#) -> [Neetcode](#) (Blind 75)
  - System Design (mid-level)
- Hardware Engineering (adjacent roles)
  - Basics of Circuits
  - Finite State Machines
  - Analog Circuit Analysis
    - [HardwareFYI](#)



# Technical Interviews (more)

- MAE/CivE (adjacent roles)
  - Statics, MoM, Fluids
    - [HardwareFYI](#)
  - CAD Tests
  - Propulsion (Rocket Engine)
- Technical Interviews in general
  - Indeed
  - Glassdoor
  - Review past academic material
  - Research the role you are applying for



# Ending your Interview

- **What was your favorite day at work?** What was a project you were really passionate about? What makes you most proud of your team?
- What is the most unexpected thing you've learned while working at this company?
- Ask about **niche programs** at the company
  - Specific outreach events, ERGs (employee resource groups)
- What separates someone who is adequate at this position from someone who is exceptional at this position?
- Pay attention to things they said! → **Uno reverse**
- How do you feel \_\_\_ has supported your personal growth?





# Navigating Offer Letters

- **CONGRATULATIONS!**
- Factors to consider
  - Internship role
  - Location
  - Company culture & internship program
  - Benefits & housing
- You can ask to extend your offer deadline
  - Use the [HWCOE Employment Offer Guidelines](#)
- **Reneging** is withdrawing from a position you accepted
  - Avoid doing this unless absolutely necessary



# BUILD YOUR CAREER IN ENGINEERING

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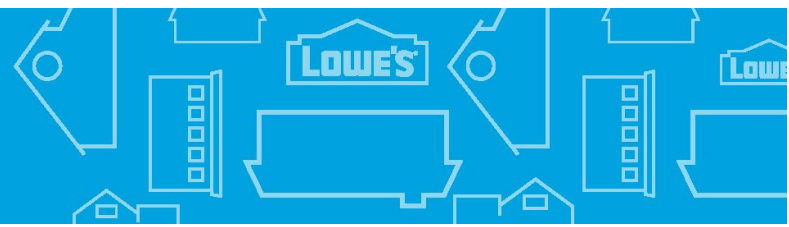
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# Take Action

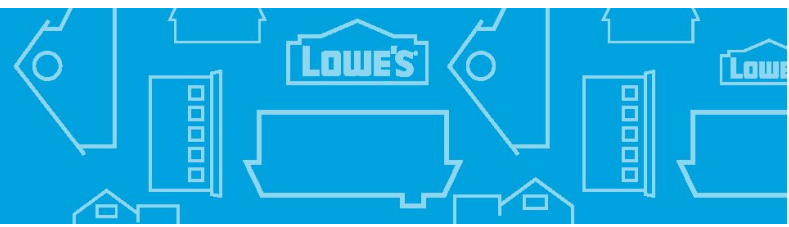


Identify the skills you need to be successful in your career path.

Look for opportunities to make a real-world impact.

Reach out to others for input and direction.

# Communicate Effectively



- Communicate in a clear, concise, and professional manner.
- Listen with interest to what others have to say.

**“Networking is not just about connecting people. It’s about connecting people with people, people with ideas, and people with opportunities.”**

**~Caleb Cardenas**

**Texas Christian University  
Supply Chain Operations Intern  
Summer 2022**



# Continue Learning



Take initiative to learn and apply new skills.

Share knowledge and expertise with others.

**"Attend every workshop you can and deliver quality work. You're there to soak up as much about the company as possible, so this is your time to try new things and push yourself in ways you can't in the classroom."**

**~Emma Allen, App State, Software Engineering Intern Summer 2022**





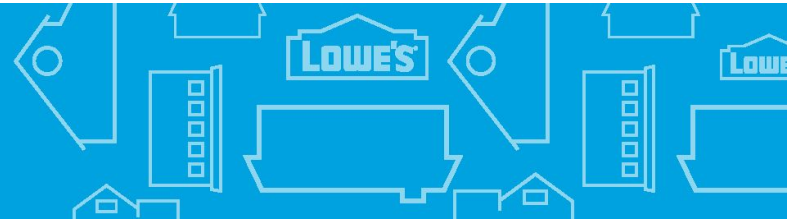
# Show Courage

**“Always ask questions! The team will be more than happy to answer any questions! Be courageous!”**

**~Andrea Habib  
CUNY Staten Island  
Software Engineering Intern,  
Summer 2022**



# Deliver Results



- Set high standards for personal performance.
- Demonstrate a strong drive to achieve meaningful results.
- Show determination in the face of obstacles.

“Immediately show those you work with your ambition. This will establish yourself as someone to take seriously and will make an impact over your time with Lowe’s. This great start will set the tone for your success and increase your chance of a return offer.”

~Adin Geist, Susquehanna University, Software Engineering Intern, Summer 2022



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## Intern Advice

[slido.com](https://www.slido.com) with #1565 743

4th-year CivE

# David Pham

- **Kimley-Horn Aviation Intern**
  - Summer 2023
  - 13-week internship
  - CivE role - Airport Engineer
  - Assisted on runway & taxiway rehabilitations
  - Managed construction documents to deliver to clients/contractors
  - Tip: Understand communication is a two-way street!



[slido.com](https://www.slido.com) with #1565 743



# Emely Chhu

- **Microsoft Explore Intern**
  - Summer 2023
  - PM + Frontend SWE role
  - Designed and implemented new search features for Microsoft Teams for Life
  - Tip: Know the mission statement!
- **NextEra Energy Solar & Battery Storage Operations Intern**
  - Summer 2022
  - EE role
  - Troubleshooted issues on solar fields and automated tasks
  - Tip: Network with others!



# Vincent Lin

- **Northrop Grumman SWE/SysE Intern**
  - Summer 2023
  - Software + Systems role
  - Created an internal app to process through a database and create the final product towards the customers
  - Improved UX and new hire training duration through the implementation of a GUI
  - Tip: Talk to people



# Rachel Young

- **BOP Hub Back-End Software Engineer Intern**
  - Summer 2023
  - 8-week internship
  - 📍 Singapore!
  - Developed a database for a web application
  - Implemented code to handle API requests for data storage and retrieval
  - Tip: Apply for scholarships!





# Gayatri Baskaran

- **Citibank Software Development Intern**
  - Summer 2023
  - 10 weeks
  - Backend for the Branded Cards Team
  - Created an API for a JAVA microservice and a team project database visualization (full stack)
  - Tip: the post-interview follow up email is super important



# Q + A



Kimley»Horn

David Pham

Kimley-Horn Aviation  
Intern



Patrick Iknayan

University Recruiter +  
Talent Acquisition Intern



Emely Chhu

Microsoft Explore  
SWE/PM Intern



NORTHROP  
GRUMMAN

Vincent Lin

Northrop Grumman  
SWE/SysE Intern



Rachel Young

BOP Hub Back-End SWE  
Intern



citibank

Gaya Baskaran

Citibank Backend SDE  
Intern

# PLUGS

1

## Apply-a-thon

**Date:** 10/3/23

**When:** 6:30 - 8:00 pm

**Where:** TBA

On the internship grind? Join your fellow SASE members at this casual event where we apply to internships together.

Some board members will be available to answer any career or National Convention related questions.

2

## New Resources

18 page Internship Guide + Help Sheet + Internship Resources

3

## Upcoming events

M&M Speed Pairing | 9/25  
Social #1 | 9/28

[tinyurl.com/SASeresources](https://tinyurl.com/SASeresources)

# THANKS

We appreciate you coming out to our  
Internship Workshop!

Feel free to stick around if you have  
any specific questions

[tinyurl.com/SASEResources](https://tinyurl.com/SASEResources)



Sign In



# SASE



# Keep in touch!



Scan me to let Lowe's know you attended this event, and indicate interest in various fulltime and internship positions!

## Follow up

**Patrick Iknayan, Associate General  
Business Recruiter**

[Patrick.iknayan@lowes.com](mailto:Patrick.iknayan@lowes.com)

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[scotty.creelman@lowes.com](mailto:scotty.creelman@lowes.com)

**Amy Beekley, Tech Recruiter**

[amy.beekley@lowes.com](mailto:amy.beekley@lowes.com)



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