



Computer Science and Information Systems

Internship Experience Sharing

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Project Description

Internship in Computer Science and Information Systems (CSIS) is a great way for the students to apply what they learn in academics to the professional environment. It allows the students to explore and gain the knowledge in a field before committing to the field as a career, Even though a lot of internship positions are temporary, over the years, many students have reported that they subsequently obtain permanent positions with the interned companies. This poster serves as an area for the students to share their internship experience, including timing of applying an internship, interned companies, duties of the positions, tips, and advices.

Somika Ganesh International Student	Benicio Santamaria	Yvette Karanja International Student
<p>Q: When did you start looking for internship/volunteer positions? <i>A: End of sophomore year</i></p> <p>Q: Please explain your experience of getting the internship. <i>A: I found out about the internship through LinkedIn. After applying, I went through one round of interviews with the team. It took about a month from application to receiving an offer. My previous leadership experience played a key role in getting the internship.</i></p> <p>Q: What is your internship company and location? <i>A. Ewing Marion Kauffman Foundation. Missouri</i></p> <p>Q: What are your duties during the internship? <i>A. I worked on creating a foundation-wide calendar. I also designed and implemented cybersecurity training, conducted mock phishing tests, and analyzed device analytics to enhance security.</i></p> <p>Q: What did you learn from this experience? <i>A. I gained experience with tools like KnowBe4 and CrowdStrike, API integration skills, and strengthened my communication and problem-solving abilities. This internship also gave me a direction for my career in cybersecurity.</i></p> <p>Q: What are your advices to students about getting an internship? <i>A: Start looking for internships as early as you can. If you do not have previous experience with IT, highlight your extracurricular on your resume. Rejections are part of the job search process and shouldn't discourage you. Keep applying and stay positive.</i></p>	<p>Q: When did you start looking for internship/volunteer positions? <i>A: Senior year of high school I went through a program called NCAPs which teaches soft skills to high school students and connects them with internships. My internship started in January 2025.</i></p> <p>Q: Please explain your experience of getting the internship. <i>A: After being connected with UGA Finance through NCAPs for a project I got this internship.</i></p> <p>Q: What is your internship company and location? <i>A. UGA Finance. Parkville</i></p> <p>Q: What are your duties during the internship? <i>A: Monitoring and general upkeep as well as general maintenance. Job tasks can be anything from cleaning broken glass to setting up servers.</i></p> <p>Q: What did you learn from this experience? <i>A. I learned to set up desks, including docks, monitors, etc. I learned about Azure Active Directory, Powershell, Splunk, RAT by indigex, and Bitdefender. I learned to navigate 1Pass. Work prioritization and multi-tasking between different modes of communication.</i></p> <p>Q: What are your advices to students about getting an internship? <i>A: Prioritization is key, “don't be afraid to ask questions", As responsibilities pile on, you'll be lost if you can't prioritize them. One day I had a daily and a weekly task. On top of it, I got a ticket to deactivate an employee's credentials, and a request from my supervisor to set up a MacBook and set up Windows for another employee. I had to divide the tasks that needed to be done by EOBD with the tasks I was working on that were due EOW with tasks that were due on a deadline part way through the day.</i></p>	<p>Q: When did you start looking for internship/volunteer positions? <i>A: Starting of sophomore year.</i></p> <p>Q: Please explain your experience of getting the internship. <i>A: I have been working on building my network. This is how I get this job. It took more than a year.</i></p> <p>Q: What is your internship company and location? <i>A: BCD Travel. Headquarter: Utrecht, Netherlands</i></p> <p>Q: What are your duties during the internship? <i>A: Help users understand their risks and protect their system. Implement methods to improve security. Use tools like Qualys, Rapid 7, & Nessus.</i></p> <p>Q: What did you learn from this experience? <i>A: Risk management, Cross department collaboration, Documentation and reporting, Industry awareness, Networking, Problem-solving, Attention to detail, Time management, and Communication. I became interested in DFIR and got into the path I want to do in my career.</i></p> <p>Q: What are your advices to students about getting an internship? <i>A: Do not give up. It's hard to get experience when companies are looking for experienced hires. I applied to many jobs before I got this position. Keep studying outside classes, and work on certifications. Speak to your faculty and peers for advice. Only crime you should have is curiosity.</i></p> <p>Q: Any additional comments? <i>A: Keep growing your network: LinkedIn, GitHub! Join the orgs around you. Examples are SecKc, Women in Security KC, WiCyS-KC, ISC2 KC Chapter, Faith and tech, and AI-Club KC.</i></p>

Lukas Mehl

International Student

<p>Q: When did you start looking for internship/volunteer positions? <i>A: Around the middle of my freshman year</i></p> <p>Q: Please explain your experience of getting the internship. <i>A: I spent quite a while searching for an internship in my hometown in Germany. However, I didn't find much. By the time I thought about applying at the BSI (the Federal Office for Information Security in Germany), I was already late. So, I decided to send unsolicited applications. But this turned out to be complicated, time-consuming, and energy-draining. Luckily, I came across an organization called REGINA, which is an independent network of IT companies in Aachen. This organization offers to forward unsolicited applications to all 120 partner companies. So, I sent my application, and I received responses from several partner companies. I was invited to four interviews. In the end, one of the companies was a good fit, so I ended up doing my internship there.</i></p> <p>Q: What is your internship company and location? <i>A: SOPTIM, Aachen, Germany (expert in software solutions for the energy industry)</i></p> <p>Q: What are your duties during the internship? <i>A: I worked in a software development team of 10-15 people, which was mostly made up of students and interns, all working on an independent project. My responsibilities included developing and maintaining software for time series processing, participating in SCRUM meetings (Daily, Refinement, Retrospective), handling tasks, bugs, user stories, and reviewing merge requests. Following technologies were used: React / TypeScript, Java, CSS, Selenium / Kotlin.</i></p> <p>Q: What did you learn from this experience? <i>A: I gained experience working with Git and GitLab on a large software project. I learned to apply programming languages directly in practice. I got a good understanding of how a large, complex software project works, with both frontend and backend components. Persistence and problem-solving skills were key takeaways, as there was never a problem without a solution. Sometimes it took a while to find it, but we kept at it until we did.</i></p> <p>Q: What are your advices to students about getting an internship? <i>A: Start looking early. Unsolicited applications are a great idea, but sending hundreds of applications and getting hundreds of rejections is frustrating. Try to find a better way to get your unsolicited applications noticed either through personal connections or via organizations and associations.</i></p>
