



Virginia Chamber of Commerce Work-Based Learning Spotlight

Company Name:

Logic Finder

Please provide a brief overview about your company:

At Logic Finder, we are committed to protecting businesses through cutting edge cybersecurity solutions, Networking, and Datacenter services. Our flagship product, NetworkFort, offers a robust platform that combines AI algorithms, Machine Learning, and behavioral predictive analytics to detect and neutralize cyber threats at their earliest stages. NetworkFort ensures comprehensive endpoint security, preventing unauthorized access and enhancing transparency across enterprises.

Our cybersecurity expertise is further strengthened by strategic partnerships with industry leaders like Cisco, IBM, Palo Alto, Azure, and AWS, allowing us to deliver top-tier, scalable solutions. We have a proven track record as a subcontractor for major Federal agencies, including the SSA, USDA, and DOE, showcasing our ability to manage critical projects.

In addition to our product offerings, Logic Finder leads in workforce development through our unique Cybersecurity Registered Apprenticeship Program with the Department of Labor Virginia and many more agencies. Logic Finder also provides comprehensive staffing services. We are Booz Allen Hamilton partners and Virginia Values Veterans (V3) Program certified, reflecting our commitment to supporting veterans employment in the IT sector and advancing cybersecurity talent.

Please provide a brief summary about your company's internship/apprenticeship/returnship program(s):

Logic Finder's apprenticeship and internship programs are designed to tackle the shortage of cybersecurity resources. Our programs provide participants with hands-on training, exposure to real-world cybersecurity challenges, and experience in industry best practices. We have developed key partnerships with various organizations, including Appteon, Commonwealth Cyber Initiative (CCI NOVA), The Department of Labor(DOL), Virginia's Department of Labor & Industry (DOLI), and other institutions, to deliver impactful training. Participants also gain certifications and the opportunity to work with both federal agencies and commercial clients, equipping them with the skills needed in the cybersecurity industry.

What is something that is interesting or innovative about your internship/apprenticeship/returnship program that you would want colleges/high school students to know about?

Our apprenticeship programs are unique in offering specialized training in cybersecurity and incident response, alongside exposure to our proprietary in-house processes. We have established strong partnerships with organizations such as Commonwealth Cyber Initiative (CCI NOVA), Appteon, DOL, DOLI, and Virginia Tech, etc. These collaborations allow us to provide a dynamic learning environment where participants can work on real-world cybersecurity issues, apply best practices, and gain valuable experience with commercial clients.

This combination of practical experience, industry partnerships, and a focus on emerging technologies makes our apprenticeship program a standout opportunity for students looking to make a tangible impact in the world of cybersecurity.

What kinds of work assignments are interns/apprentices responsible for at your company?

Interns at Logic Finder are immersed in a variety of challenging and impactful work assignments that are meticulously designed to prepare them for careers in cybersecurity, networking and Data Center. Our internship program is structured to provide hands-on experience across multiple facets of cybersecurity and network infrastructure, ensuring that interns gain both theoretical knowledge and practical skills.

1. Cybersecurity Assignments:

Interns specializing in cybersecurity are assigned tasks that align with the latest industry practices and standards. They are involved in penetration testing activities where they utilize hands-on tools to identify vulnerabilities within systems and networks. This experience is crucial for understanding how to defend against potential threats.

Additionally, interns take on the role of cybersecurity analysts, participating in bootcamps that prepare them to monitor, detect, and respond to cyber threats. These assignments include analyzing cybersecurity threats, simulating cyber-attacks, and developing strategies to mitigate risks. Interns also get to implement cybersecurity measures tailored specifically for federal government environments, where they learn about compliance, regulatory requirements, and the unique challenges of securing government networks.

In another critical area, interns work on projects that involve the introduction and implementation of multifactor authentication across various platforms, as well as cloud security measures based on the principle of least privilege. This exposes them to the complexities of securing cloud environments, a skill highly sought after in today's cybersecurity landscape.

2. Networking and IT:

Interns also engage in extensive training and workshops that cover a broad spectrum of networking and IT infrastructure. For example, they may work on Python scripting projects aimed at automating network management tasks, or they might delve into software-defined networking (SDN) and OpenFlow, learning to design and manage dynamic, programmable networks.

Assignments in this domain often involve building and managing cloud infrastructure using OpenStack, giving interns hands-on experience with cloud computing platforms. This includes projects related to virtualization technologies with VMware and OpenStack, where interns help design and implement virtualized environments, a critical skill in modern data centers.

In the realm of 5G and LTE technologies, interns contribute to projects that explore the fundamentals and interworking of these cutting-edge telecommunications technologies. They may also be tasked with VoLTE (Voice over LTE) projects, learning about the integration of voice services in LTE networks.

Moreover, interns gain valuable experience in Linux administration, where they manage and troubleshoot Linux-based systems. These assignments are complemented by workshops on IP networking, ranging from foundational CCNA-level tasks to more advanced CCNP-level networking projects. Interns may also be involved in designing and implementing Cisco data center infrastructures, giving them hands-on exposure to high-level networking tasks.

Throughout their internship, interns are consistently engaged in troubleshooting assignments, particularly in Cisco data center environments. These tasks hone their problem-solving skills and prepare them for real-world challenges they will face as professionals.

3. Real-World Application and Collaboration:

Beyond individual tasks, interns at Logic Finder are integrated into larger team projects, collaborating with seasoned professionals and contributing to ongoing projects for our clients. This collaboration often involves both federal and commercial clients, offering interns a comprehensive view of how cybersecurity and network engineering are applied in diverse real-world scenarios.

Interns are also given the responsibility to document their findings, present their work, and provide recommendations for improving system security and efficiency. These assignments not only build technical skills but also develop communication and leadership abilities, which are crucial for a successful career in the IT and cybersecurity fields.

If another company wanted to start an internship/apprenticeship/returnship program, what words of advice would you share with them?

We recommend focusing on real-world experience and aligning your program with current industry demands. Forming strategic partnerships with educational institutions and industry bodies can enhance the program's effectiveness. It's also crucial to integrate participants into your business processes, providing them with meaningful work assignments that reflect actual industry challenges. Leveraging successful past apprenticeships and partnerships, such as those we've developed with CCI NOva, Appteon, DOL, DOLI, etc, can serve as a solid foundation for building an impactful and successful program.

Contact person and information (for those who want to reach out to you to talk about your program):

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