



# CYBERSECURITY APPRENTICESHIP PROGRAM

## SCIENCE. TECHNOLOGY. SYNCHED. SOLVED.

The Cybersecurity Apprenticeship Program at IBSS is a unique component of our workforce development. This rigorous 6-month program provides aspiring cybersecurity professionals with the skills needed to perform entry-level tasks in the areas of cybersecurity architecture, compliance, engineering, and operations. At the conclusion of the apprenticeship, our newly minted cybersecurity professionals are ready to tackle our clients' pressing information security issues and collaborate as peers and mentors with other IBSS cybersecurity team members.

Cybersecurity apprentices take part in a variety of activities to develop their technical skills and professional skills, including but not limited to: completing hands-on labs, performing cybersecurity tasks to support IBSS cybersecurity initiatives, public speaking, blogging, performing demonstrations on how to exploit vulnerabilities, and earning certifications such as Network+, Security+, Linux+, CySA+, PenTest+, etc. We also provide them with Toastmaster training, weekly LinkedIn Learning opportunities, and sponsor their Federal civilian and DoD security clearances.

## ABOUT THE PROGRAM

- 6-month intensive program, valued at \$25k per student
- Apprentices receive free tuition and a stipend while enrolled
- Students learn to write and present on various current cybersecurity topics - Security+, Network+, CySA+, Linux+, and others
- Students learn to map, architect, and deploy secure Linux in cloud environments, including security controls, storage, virtualization, software, jobs, and devices
- Students learn to configure, install, index, and operate BOTS within the Splunk Enterprise within Linux environment or v1 website individually and in teams
- Students learn to assess Phase 4+ peers Linux environment and publish assessment reports to be reviewed by the cybersecurity coach
- Pentest certified learners will mitigate all findings resulting from the Pentest and/or Security Assessment and publish a Continuous Monitoring Report of their actions

### CYBERSECURITY APPRENTICE TOPICS AND ASSIGNMENTS





# CYBERSECURITY APPRENTICESHIP PROGRAM

## About Us

IBSS is a woman-owned small business specializing in science and IT services with a success record of more than 20 years supporting Federal civilian and defense customers. We architect and deliver integrated, forward thinking solutions that address diverse, multidisciplinary program needs and mission challenges.

## Contact Us

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## WHY IBSS

- 210+ employees supporting clients at 40+ locations CONUS and OCONUS
- Established Program Management Organization (PMO) serving 18 Federal customers on 70+ contracts and tasks
- Innovative, inclusive, employee-centric workplace - attract, retain, cultivate top talent in leading technologies, tools, techniques
- 20+ years serving NOAA across multiple lines of business across all five regions spanning six time zones
- Industry certifications demonstrate our commitment to latest technologies

## OUR CERTIFICATIONS



**CMMISVC/3**<sup>SM</sup>  
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