Cole Dutton

Cybersecurity Specialist, US Environmental Protection Agency

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Education

James Madison University, 2021
Master of Science (MS)
Degree: Computer Science, Information Security

Radford University, 2015
Bachelor of Science (BS)
Degree: Interdisciplinary Studies, Education

Virginia Highlands Community College, 2013
Associates of Arts and Science (AAS)
Degree: General Education, Teacher Preparation Program

PROFFESIONAL EXPERIENCE

U.S Environmental Protection Agency, November 2021 – Present
Cybersecurity Specialist
Office of Water, Water Infrastructure and Cyber Resilience Division (WICRD)

- Assists in EPA's SRMA responsibilities, which includes engaging appropriate stakeholders, EPA Regions, and other federal agencies when EPA learns of a cyber incident within the water sector
- Developed a Standard Operating Procedure (SOP) for WICRD to better understand, and take appropriate actions, when receiving cybersecurity alerts and advisories from public and private-sector organizations
- Manages cybersecurity projects designed to improve cybersecurity awareness and capabilities throughout the water sector
- Promotes cybersecurity best practices and resources to the water sector through webinars, in-person presentations, and hybrid events
- Develops and delivers training materials for water utilities and state primacy agencies
- Develops and facilitates cybersecurity tabletop exercises (TTXs) for water and wastewater utilities
- Engages stakeholders and promotes cooperation on cybersecurity-related projects
- Participates in interagency workgroups by serving as a cybersecurity subject-matter expert and builds partnerships throughout public and private sector cybersecurity communities

Chesterfield County Public Schools, September 2021 – November 2021
Cybersecurity Analyst

- Planned, designed, and delivered the division's first cybersecurity awareness training program which educated staff members on basic cyber hygiene and information security principles
- Assisted in improving the cybersecurity education modules used during the staff onboarding process
- Developed a Data Privacy Plan which included policies regarding asset management, business continuity, disaster recovery, and breach response
- Created and managed a cybersecurity email which allowed staff members to submit cybersecurity concerns and receive guidance from a subject-matter expert
- Managed the division's SIEM software and monitored for suspicious activity occuring on the district's network

Henrico County Public Schools, September 2021 – November 2021
Educator, English Language Arts
- Experience in curriculum design and development
- Designed and delivered instruction via a variety of platforms including in-person, virtual, and hybrid
- Differentiated instruction to accommodate the individual learning needs of all students
- Monitored student progress and reinforced topics as needed
- Member of the school's leadership team tasked with overseeing the day-to-day operations of the school's bus transportation program
- Provided additional support to students when necessary

Henrico County Public Schools, September 2021 – November 2021
Educator, English Language Arts
- Experience in curriculum design and development
- Differentiated instruction to accommodate the individual learning needs of all students
- Assisted in the development and served as the lead teacher for the division's first after-school program
- Tracked student data to ensure mastery of topics were achieved
- Provided additional support to students when necessary

PROFFESIONAL CERTIFICATIONS

- CompTIA Security+
- (ISC)[2] Certified in Cybersecurity
- Postgraduate Professional Teaching License