



*Full Scholarships Offered for the*

# **INTRUSION + REMEDIATION PRACTICUM**

*From the George Washington University*

Seven scholarships are available for the Practicum in Intrusion Detection and Remediation this spring. The scholarships are offered thanks to the generosity of the Business-Higher Education Forum and in conjunction with the George Washington University: College of Professional Studies Cyber Undergraduate Program and Cyber Academy.

The Practicum in Intrusion Detection and Remediation, offered in the College of Professional Studies Cyber Undergraduate Program, is a hands-on training that will cover a broad range of network intrusion, prevention and detection techniques such as implementation and testing of IDS security plan, security monitoring, intrusion detection, alarm management, analysis of events and trends, and vulnerability management. Students will learn about a variety of approaches, models, and algorithms along with the practical concerns of deploying IDS in an organization environment. Upon completion of the practicum, students will be able to:

- (1) Understand intrusion detection tools and techniques in order to improve security and reduce vulnerabilities;
- (2) Analyze and compare intrusion detection systems and approaches;
- (3) Identify and describe appropriate situations and scenarios where intrusion detection may be applied to reduce risk;
- (4) Monitor and evaluate audit logs and set administrative alerts;
- (5) Deploy, implement and test IDS security plan;
- (6) Provide recommendations on remediation tactics and strategies.

The practicum will be offered to non-traditional students (adult learners) having experience in the field and/or students completing an associate degree (last year) in a related field from regional community colleges. Scholarship preference will be given to candidates from under-represented social groups in cybersecurity such as women, African Americans, Hispanics and veterans.

To be selected, interested individuals must have maintained a minimum of **2.7 GPA** in their undergraduate coursework (official transcripts required). Interested individuals must apply before December 1, 2016.

For more information, email [cyber@gwu.edu](mailto:cyber@gwu.edu) or call 571-553-0328

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