



UMD Cyber Students

The **Maryland Cybersecurity Center (MC2)** is an academic center on the **University of Maryland (UMD)** campus that brings together faculty, researchers, and students working in the field of cybersecurity throughout campus. The Maryland Global Initiative for Cybersecurity also promotes and coordinates efforts across UMD to expand its cyber education, research, and development activities.

Our proximity to the nation's capital enables close interaction with federal agencies, and our location in the Maryland-DC-Virginia region makes UMD an ideal place for technology development and partnerships with industry. In addition to graduate level courses and undergraduate degree concentrations in cybersecurity within the A. James Clark School of Engineering and the College of Computer, Mathematical, and Natural Sciences, the Advanced Cybersecurity Experience for Students (ACES) seeks

to revolutionize cybersecurity education by emphasizing the need for students to master both technical and nontechnical skills. ACES, as an Honors College living-learning and minor program, draws together exceptional students of different backgrounds into teams that create comprehensive solutions to real-world problems.

UMD is unique in its comprehensive, interdisciplinary approach to cybersecurity, in that it brings together not only faculty with expertise in the core areas of computer science and electrical engineering, but also those with backgrounds in various multi-disciplinary areas. MC2 has particular strengths in cryptography, programming-language and software security, behavioral aspects of security, empirical security, and cybersecurity economics.

UMD ranks among the top 20 public research universities in the nation, with top-ranked departments in computer science and electrical and computer engineering. NSA has designated the University of Maryland as a CAE-R, and the university was also named an Intelligence Community Center of Academic Excellence by the Department of Homeland Security. The CyberCorps®: Scholarship for Service (SFS) program at ACES seeks to address cybersecurity education and workforce development through a grant from National Science Foundation.

DESIGNATIONS

- CAE – Cyber Defense Research

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