UNIVERSITY OF ALABAMA IN HUNTSVILLE

The University of Alabama in Huntsville

The **University of Alabama in Huntsville (UAH)** has been designated as a National Center for Academic Excellence (CAE) since 2007. Currently a CAE both in Cyber Defense and in Research, the university offers numerous cybersecurity-related degrees at the undergraduate and graduate levels in the fields of cybersecurity engineering (B.S.), cybersecurity (M.S.), computer science (B.S., M.S., Ph. D.), computer engineering (B.S., M.S., Ph. D.), and information systems (B.S., M.S.).

The Center for Cybersecurity Research and Education (CCRE) at UAH leverages its partnerships with government entities and local industry to provide students with hands-on experience through sponsored research. Projects include SCADA security, physical and digital navigational lock cyberthreat modeling, and risk/supply chain assessments. The center supports the NSF/Scholarship for Service

and DoD/CySP. Additionally, the center advances cybersecurity education through curriculum development projects, GenCyber camps, and its Cyber Force Incubator.

UAH CCRE is proud to be the national leader of the RING program, a free high school cybersecurity course taught online to hundreds of students throughout the nation. UAH provides RING curriculum materials at no cost to hundreds of teachers across every U.S. state as well as D.C. and Puerto Rico. The RING program is a core component of the NCAE-C Education Pathways National Center.

UAH also leads the NCAE-C Virtual Internship and Varied Innovative Demonstrations (VIVID) program which provides internship opportunities for CAE Community students nationally, hosts cybersecurity competitions, and hosts the 2024 NCAE-C Cybersecurity Colloquium Event. Both programs are supported through grants by the NCAE-C program office located at the NSA.

DESIGNATIONS

• CAE-Cyber Defense   • CAE-Research

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UAH Cyber Students