BRIGHAM YOUNG UNIVERSITY

BYU Campus

Brigham Young University (BYU) became the first CAE in Utah in 2012. The Cybersecurity BS program, housed in the Department of Electrical and Computer Engineering (ECE), includes over 300 students. The curriculum requires technical mastery of cybersecurity concepts as they apply to computer architecture, operating systems, networking, web applications, databases, and internet of things devices. This is augmented by a focus on ethics, cyber and international law, organizational policies, communication, and leadership. Many cybersecurity graduate students are part of the IT and Cybersecurity MS or ECE PhD program.

BYU students are uniquely qualified to serve important cybersecurity needs due to BYU's strong focus on building men and women of character who act ethically in the service of others. BYU has over 32,000 undergraduate students from all 50 states and over 100 countries. Over 60% speak a second language. BYU is known as a top school for student academic engagement and graduates who go on to earn PhDs.

BYU Cybersecurity students have been extremely successful in cyber competitions and student club activities. Alumni work at Amazon, Microsoft, Rapid7, DOD, NSA, Sandia NL, Idaho NL, and other leading institutions. BYU is the only CyberCorps Scholarship for Service site in Utah and runs annual GenCyber camps for high school students and teachers. Strong support from the BYU leadership promises a bright and growing future for cybersecurity at BYU in coming years.

DESIGNATIONS

• CAE-Cyber Defense

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BYU Student Red Team