



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Apr 19, 2021

**ABDULLAH AL MAHMOOD**

has successfully completed

**Cyber Threats and Attack Vectors**

an online non-credit course authorized by University of Colorado System and offered through Coursera

A handwritten signature in black ink, appearing to read 'Greg Williams'.

Greg Williams  
Lecturer  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/Z83U2S38E7AD](https://coursera.org/verify/Z83U2S38E7AD)

Coursera has confirmed the identity of this individual and their participation in the course.