



Educational Opportunities



**KENNESAW STATE
UNIVERSITY**
COLLEGE OF COMPUTING AND
SOFTWARE ENGINEERING

Overview: Who we are

Dr. Maria Valero

**Associate Chair for Research and
Associate Professor**

**MS CYBR program coordinator
Information Technology**

Department

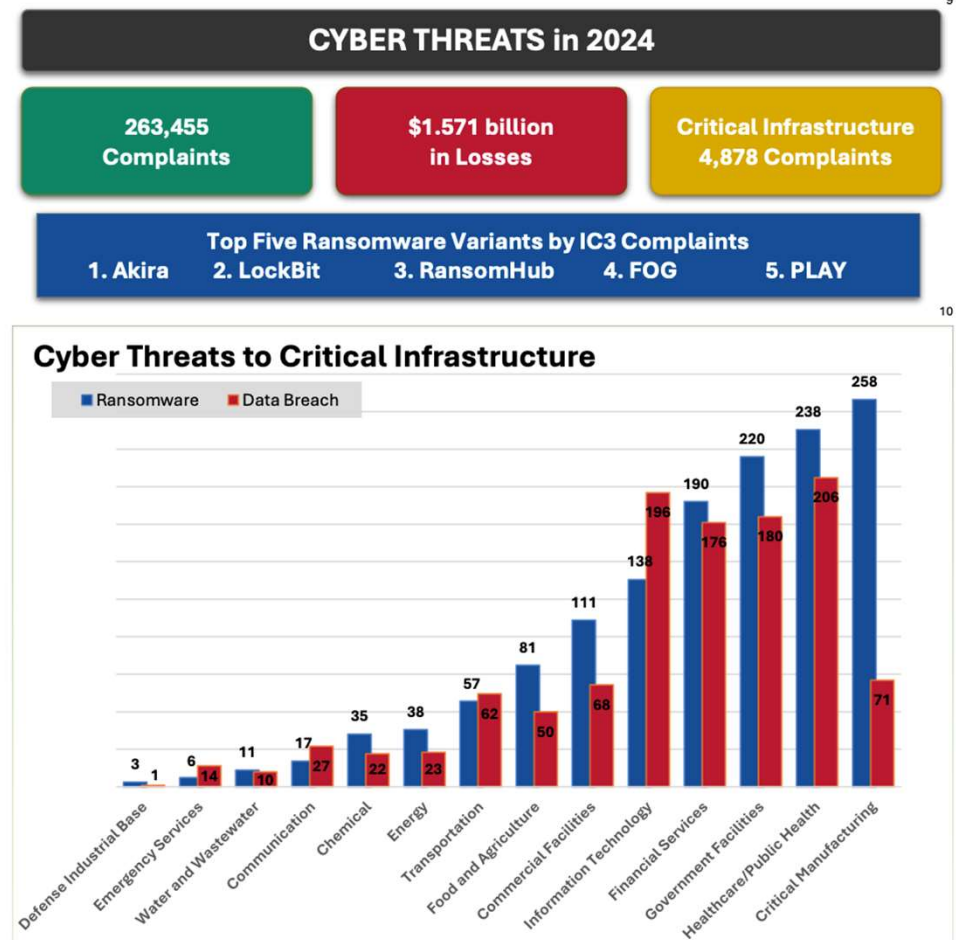
**College of Computing and
Software Eng.**

Kennesaw State University



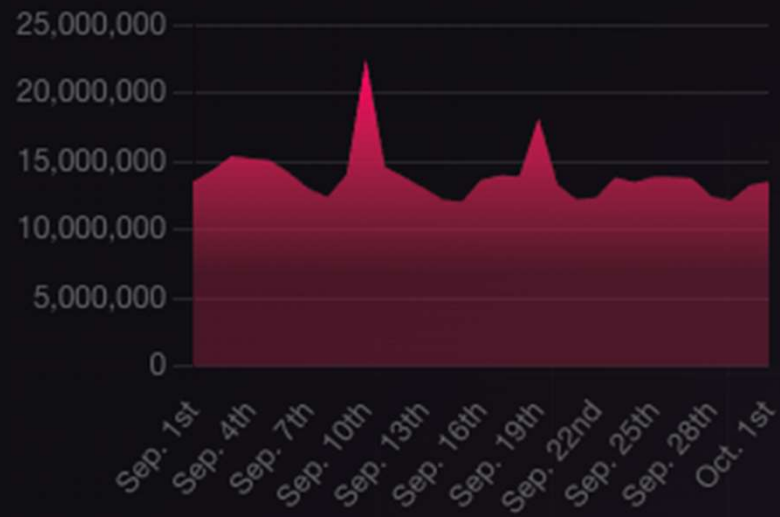
Cyber Threats

Source: FBI 2024 – Internet Crime Complaint Center

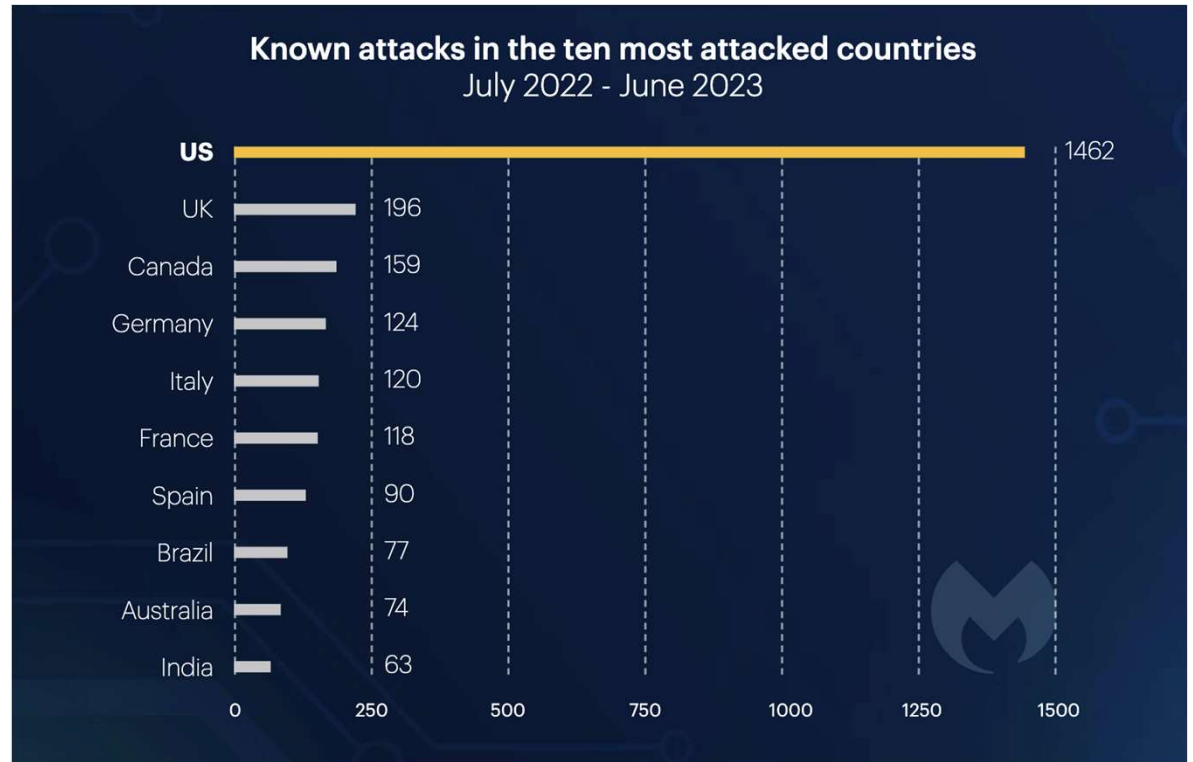


Daily Attacks

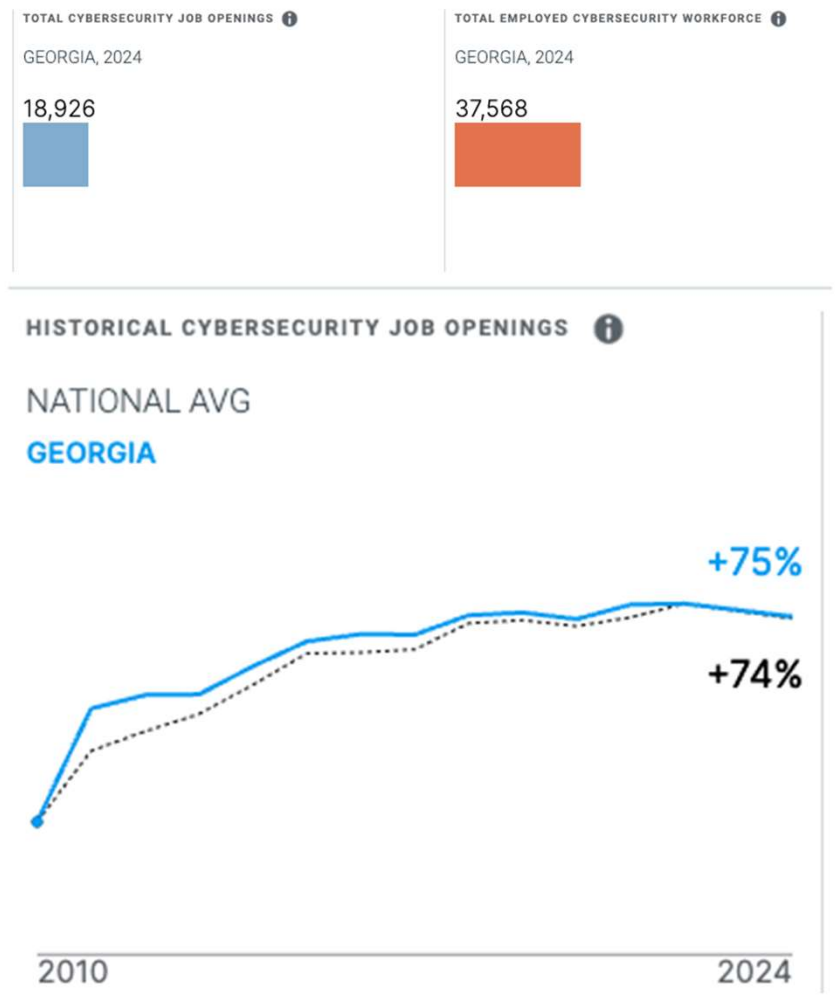
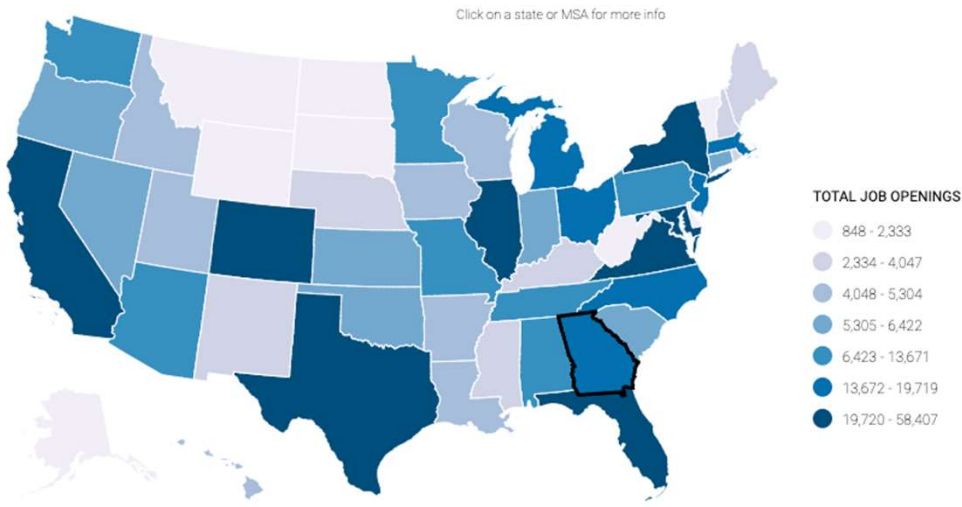
RECENT DAILY ATTACKS



Overview: Focal Areas



Cyber Workforce Shortage in Georgia

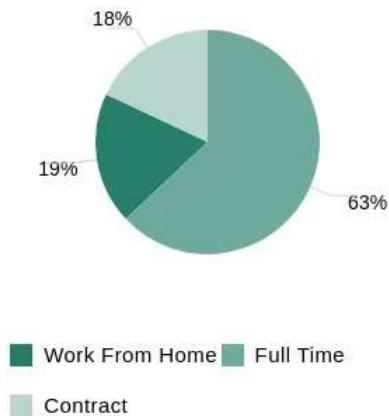


Metro Atlanta Cybersecurity

Federal Cybersecurity Jobs In Atlanta, GA

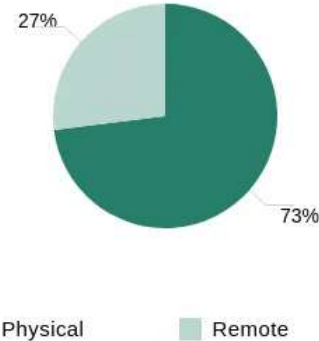
As of December 2023, there are **18 Federal Cybersecurity Job Openings** in Atlanta, GA

Employment type



63% of Federal Cybersecurity Job Openings in Atlanta, GA are Full Time positions.

Remote vs. In-Person



73% of Federal Cybersecurity Job Openings in Atlanta, GA are Physical positions.

Average salary



The average yearly salary for Federal Cybersecurity Jobs in Atlanta, GA is **\$123,627.5 a year**.





Educational Opportunities



Careers in Computing



Computing Occupations

Median pay
\$104,420 vs.
\$48,060



- 2024-2034 Bureau of Labor Statistics projection
 - Job growth 9% vs. 3%
 - 356,700 openings are projected each year



Employment Projection

CCSE Overview

- Close to 5,300 students in Spring 2025.
- 4 units, 150 + full time instructors & staff
- Programs offered
 - PhD in CS & DSA
 - MS in AI, CS, DSA, IT, SWE, & Cybersecurity
 - 6 BS degrees
- Expert & dedicated faculty
- Cutting edge & quality curriculum



MORE INFO >>



BS Programs

- ABET Accredited
- BS in Computer Science
- BS in Data Science and Analytics
- BS in Game Design and Development
- BS/BAS in Information Technology
- BS in Software Engineering





MS CYBER SECURITY UNIQUE OFFERING



**Interdisciplinary curriculum
with distinguished
professors**

IT, IS, CS, SWE, CJ



Flexible offering

100% online; 7-week delivery
model
In person (Fall 2025); 15-week
delivery



Broader reach

Career changing options



Capstone and Cyber Range



Rapid completion

Can be completed within 12
months by well-prepared students

MS CYBER STUDENT OUTCOMES

Designed to enhance student career opportunities to supervise, design, develop, and operate a secure cyber environment

- Strategize, design, develop, deploy and lead cybersecurity efforts in the enterprise;
- Prepare for, respond to, and recover from cybersecurity threats and incidents;
- Manage cybersecurity risk to information assets;
- Select and apply appropriate tools and methodologies to solve real-world cyber problems.

Certificate in Cybersecurity - Undergraduate

Kennesaw State University / Degrees and Programs / Certificates / Certificate in Cybersecurity - Undergraduate

Certificate in Cybersecurity

The Certificate in Cybersecurity is designed for students with an interest in the security of computer networks and systems and its application in the expanding field of technology. In this certificate program, you will learn the skills and knowledge necessary to protect and inspect systems and to detect and react to threats to the security of information in those systems.

This certificate requires 16 semester hours (6 courses), and all coursework must be completed with a "C" or better.



Program Snapshot

This program is a part of the Michael J. Coles College of Business.

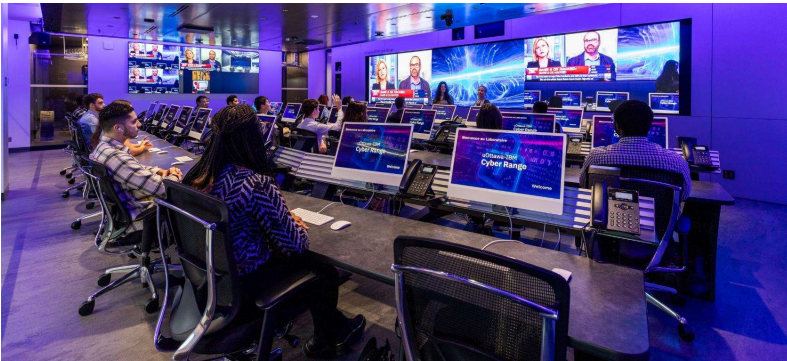
[CURRICULUM](#)

New
Interdisciplinary
building



STEM BUILDING

KSU CYBER RANGE



- Realistic Simulations
- Hands-on practice
- Safe environment
- Scenario-based learning
- Tool and Stack Validation
- Teamwork and collaboration



KSU student Nick Farinucci, Chancellor Sonny Perdue, KSU President Schwaig, Board of Regents members Cade Joiner and Jose Pere

QUESTIONS

- Maria Valero mvalero2@kennesaw.edu

