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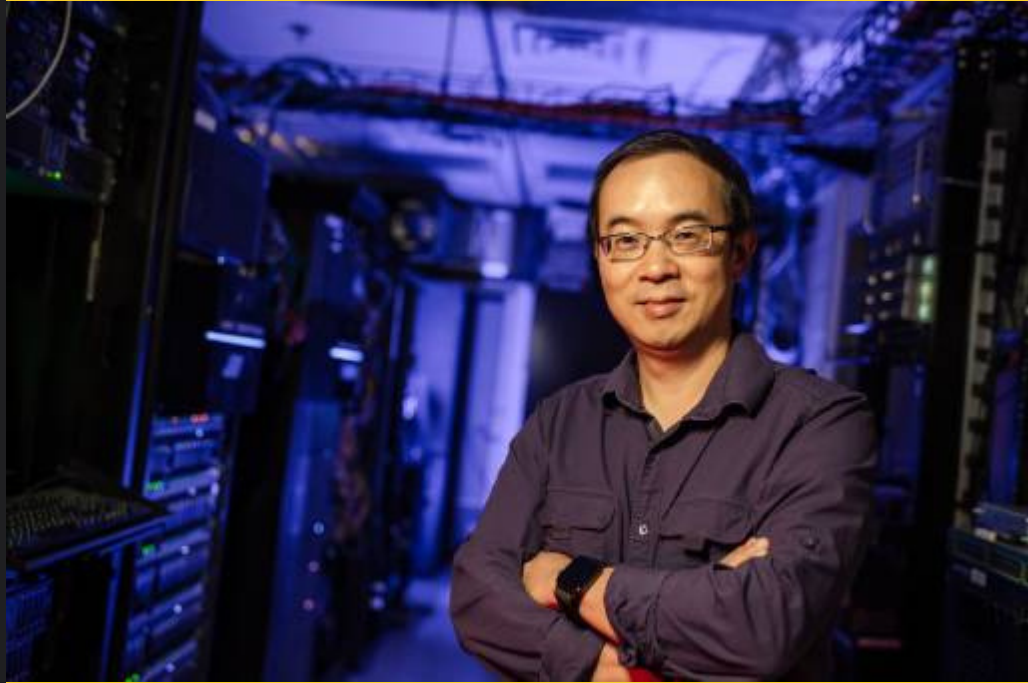
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Research Interests

- Cybersecurity
- Computer Network
- Computing Education

Links of Interest

RedTeam

CyberCorps

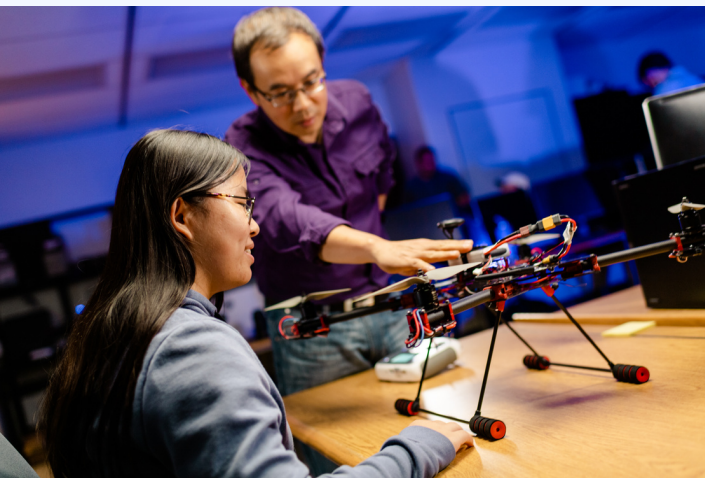Gencyber Camp

Institute of Computing and Cybersystems

For more information

ICC Computing Education Center

ICC Cybersecurity Center

Faculty Profile

CyberCorps: Scholarship for Service Program
A multi-million dollar NSF grant has been established to provide full scholarship support to students pursuing cybersecurity degrees at the undergraduate and graduate levels. The goal is to train the next generation of cybersecurity professionals specifically to meet the demands of government agencies.

GenCyber Summer Program
Cybersecurity summer camp sponsored by the National Security Agency (NSA) to equip K-12 teachers and students with a deep understanding of secure online practices and fundamental cybersecurity knowledge. This initiative also seeks to cultivate interest in cybersecurity professions among the participants and enhance teaching strategies within K-12 curriculums.

Securing and Managing Drone Fleets
As drone fleets gain prominence across industries, ensuring their security is paramount. This project aims to develop robust security measures to prevent unauthorized access, protect data, and uphold the integrity of drone operations. By implementing comprehensive security practices, the project seeks to minimize risks and vulnerabilities throughout the entire fleet.

CASE: Case Analysis for Security Education
The objective of this NSF project is to develop a new CASE (Case Analysis for Security Education) framework that enhances cybersecurity education through real-world cyber breach case studies. It seeks to boost student interest in cybersecurity, attract more students to the field, and foster better understanding of enterprise security vulnerabilities.

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