• Secure & Trustworthy Clouds and Databases
  o Searchable Encryption
  o Oblivious RAM
  o Secure Genetic Databases
  o Applied Multi-Party Computation
  o Secure hardware-supported crypto primitives

• Trustworthy Cryptocurrencies
  o Blockchain Systems for Cybersecurity

• Secure and Reliable Aerial Drones
  o Post-Quantum Crypto for Air Drones
  o Cryptographic Drone Framework

• Secure Cyber Systems
  o Trusted Computing Platforms
  o Crypto Currency (e.g., Bitcoin)

Applied Cryptography Research Group @ USF
If you are interested in these research topics, send an e-mail to attilaayavuz@usf.edu with your CV, BS and/or MS transcripts and published papers.
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