Michael King

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The two trends that I have chosen are Blockchain Technology and Internet of Things.

1. **What is the identification and description of each technology?**Blockchain is a decentralized, distributed ledger technology that records transactions across multiple computers in a network. It ensures security, transparency, and immutability of data. IoT refers to the interconnected network of physical devices, vehicles, and other objects embedded with sensors, software, and network connectivity. These devices can collect, exchange, and analyze data.
2. **What are the likely impacts on computer science or your career?**Blockchain has introduced new concepts like consensus mechanisms, cryptography, and smart contracts. IoT is driving advancements in areas like data analytics, machine learning, and embedded systems. Cybersecurity professionals must stay updated on the latest IoT and blockchain vulnerabilities and develop effective mitigation strategies.
3. **How might the two technologies impact humans, communities, or the world?**Blockchain has the potential to disrupt industries such as finance, supply chain management, and healthcare. It can improve transparency, efficiency, and trust. There are also concerns about scalability, energy consumption, and regulatory challenges. IoT has the potential to improve efficiency, sustainability, and quality of life in various sectors. There are also concerns about data privacy, security vulnerabilities, and ethical implications.
4. **Which course outcomes have you achieved so far, and which ones remain?  
     
   Outcomes I have achieved so far:**Design, develop, and deliver professional-quality oral, written, and visual communications that are coherent, technically sound, and appropriately adapted to specific audiences and contexts

Design and evaluate computing solutions that solve a given problem using algorithmic principles and computer science practices and standards appropriate to its solution, while managing the trade-offs involved in design choices

Demonstrate an ability to use well-founded and innovative techniques, skills, and tools in computing practices for the purpose of implementing computer solutions that deliver value and accomplish industry- specific goals  
  
Develop a security mindset that anticipates adversarial exploits in software architecture and designs to expose potential vulnerabilities, mitigate design flaws, and ensure privacy and enhanced security of data and resources  
  
**Outcomes still remaining:**Employ strategies for building collaborative environments that enable diverse audiences to support organizational decision making in the field of computer science