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**Dr. David S. Ahn**

Professor and Chair,  
Department of Computer Science

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**Education**

Ph.D. City University of New York  
M.S., P.E. Columbia University  
B.E. State University of New York at Stony Brook

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**Areas of Specialization/Expertise**

High Speed/Multimedia Communication Networks  
Cyber Security  
IT Governance, Risk and Compliance  
Bank Systems and Technology

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**Current Areas of Research**

Mobile Application Development & Social Networking  
Financial Engineering

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**Courses Taught**

Introduction to Computer Science  
Programming I & II  
Webpage Design  
Hardware Organization  
Computer Graphics and Animation  
Database Concepts  
Data Structures and Algorithms  
Web Programming  
Management Information Systems  
Internet Database Management  
Data Communications and Networks  
Operating Systems  
E-Commerce

Cyber Security  
Game Design  
Project Management  
Strategic Information Systems Management  
Knowledge Management  
Computer Science Seminar

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### **Membership in Professional Societies**

Institute of Electrical and Electronics Engineers (IEEE)  
Association of Computing Machinery (ACM)

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### **Selected Publications**

"Privacy Issues of Applying RFID in the Retail Industry," *International Journal of Cases on Electronic Commerce*, vol. 2, No. 3, July-September, 2006.

"Designing Privacy Policies for Adopting RFID in the Retail Industry," *IEEE International Conference on Services Computing (ICWS/SCC05)*, Orlando, July 11-15, 2005.

"Algorithms for Automated Negotiations and Their Applications in Information Privacy," *IEEE Conference on E-Commerce (CEC04)*, San Diego, July 6-9, 2004.

"Optimal Buffer Allocation in ATM Switches by ECL," *Journal of High Speed Networks*, vol. 6, issue 4, 1997.

"Effective Cell Loss Analysis of A Generic Nonblocking ATM Switch," *Journal of System Network Management*, April 1996.

"Cell Loss Analysis of Nonblocking ATM Switches with Nonuniform Traffic," *IEEE/ACM Transaction on Networking*, Feb. 1995.