

## **Javad Abed**

Johns Hopkins University, Carey Business School  
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### **Education**

PhD in Information Systems, Virginia Commonwealth University, Richmond, US (2019)  
M.Sc. in Information Systems, Middle East Technical University, Ankara, Turkey (2014)  
B.Sc. in Information Technology Engineering, University of Tabriz, Tabriz, Iran (2011)

### **Professional experience:**

Assistant Professor, Carey Business School, Johns Hopkins University, July 2020-present  
Visiting Assistant Professor, Farmer School of Business, Miami University, August 2019-July 2020

### **Licenses and certificates:**

Certified Cloud Security Professional (CCSP)  
Certified Information Systems Security Professional (CISSP)

### **Research interests:**

Cloud Security  
Information security management  
IoT security  
Social networks  
Statistical analysis and behavioral studies in information systems

### **Research**

Javad Abed and Saisha Das, “Quantitative Analysis of Factors Impacting Organizational Readiness for Cybersecurity Threats: Relationships and Inter-relationships Assessment” In Proceedings of the Annual Information Institute Conference, March 2024.

Javad Abed, “Comparative Analysis of Security-Based Precautionary Behaviors: Home vs. Office Work Environments” In Proceedings of the Annual Information Institute Conference, March 2024.

Javad Abed, “Digital Technology in Changing Social Relations — The Social Internet of Things: Developing a New Method for Leveraging the Friendships between IoT Devices,” In Digital Strategies and Organizational Transformation (Chapter 9), World Scientific (WS), 2023, 1-18.

Javad Abed and Heinz Roland Weistroffer, “Understanding Deterrence Theory in Security Compliance Behavior: A Quantitative Meta-Analysis Approach,” Southern Association for Information Systems (SAIS), Paper 28, 2016 Proceedings, 1-6.

Javad Abed and Gurpreet Dhillon, “A Review of the Compliance Behavior Studies in Information Systems Security Field: Current Trends and Future Directions,” In Proceedings of the Annual Information Institute Conference, March, 29-30, 2016, 1-14.

Javad Abed and Gurpreet Dhillon, “Investigating Continuous Security Compliance Behavior: Insights from Information Systems Continuance Model,” Americas Conference on Information Systems (AMCIS), 2016, 1-16.

Gurpreet Dhillon, Lemuria D. Carter, and Javad Abed, “Defining Objectives for Securing the Internet of Things: A Value-Focused Thinking Approach,” Workshop on Information Security and Privacy (WISP), 2016 Proceedings, 1-18.

### **Reviewer:**

Recognized Reviewer for Computers in Human Behavior and International Journal of Information Management (2020-2021, certificate of excellence)

### **Courses taught:**

Johns Hopkins University, Carey Business School

Information Systems (2020-present)

Cybersecurity (2022- present)

Cybersecurity and data vulnerabilities (2022-present)

Artificial intelligence (2021-present)

Miami University

Introduction to Computational Thinking (2019-2020)

Virginia Commonwealth University:

Database systems (2016-2019)

IT infrastructure (2017-2018)

Information systems plan and project management (2018-2019)

Fundamentals of data communications (2016-2018)

### **Course Design and Revamp:**

Cybersecurity (online)

Cybersecurity (on-site)

Cybersecurity and Data Vulnerability (on-site)

Information systems (online)

### **Skills:**

- **Cloud Computing:** Proficient in AWS, Google Cloud, and Microsoft Azure; experienced in deploying and managing cloud infrastructure and services.
- **Artificial Intelligence:**
  - Machine Learning & Deep Learning: Experienced with TensorFlow, PyTorch, and scikit-learn.
  - Natural Language Processing & Computer Vision: Skilled in using NLTK, spaCy, and OpenCV.
- **Cybersecurity:**
  - Network and Information Security: Knowledgeable in network defenses, risk management, and incident response.
  - Compliance and Auditing: Familiar with GDPR, HIPAA, and PCI-DSS; proficient in security audits and frameworks like NIST and ISO 27001.
  - Cloud Security: Skilled in implementing security best practices across major cloud platforms.

**Professional Membership:**

The International Information System Security Consortium (ISC)<sup>2</sup>  
Institute of Electrical and Electronics Engineers (IEEE)

**Service – Johns Hopkins University, Carey Business School:**

Diversity and Inclusion Committee

Academic Ethics Committee

Information Systems Curriculum Sub-Committee

Cybersecurity Course Lead (Online and on-site)

Cybersecurity and Data Vulnerability Course Lead

Faculty Search Committee Member, Marketing Practice Track (2021-22)