

Javad Abed

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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 of Practice, Carey Business School, Johns Hopkins University, July 2020–Present
- Adjunct Faculty, Whiting School of Engineering, Johns Hopkins University, Fall 2024–Present
- Visiting Assistant Professor, Farmer School of Business, Miami University, August 2019–July 2020
- Lecturer: Virginia Commonwealth University, 2016-2019

Licenses and Certificates

- Certified Cloud Security Professional (CCSP)
- Certified Information Systems Security Professional (CISSP)
- Executive Certificate in Organizational Leadership, Johns Hopkins Carey Business School (2024)
- Executive Education Program, Leveraging AI for Business Success, Johns Hopkins Carey Business School (2024)

Research Interests

- AI-Driven Cybersecurity and Threat Intelligence
- Information Security Management and Governance
- Privacy-Preserving Technologies and Data Protection
- Cloud Security and Resilience
- Compliance Frameworks and Regulatory Standards

Research and Publications

- Javad Abed and Saisha Das, 'Quantitative Analysis of Factors Impacting Organizational Readiness for Cybersecurity Threats: Relationships and Inter-relationships Assessment,' Annual Information Institute Conference, Las Vegas, March 2024.
- Javad Abed, 'Comparative Analysis of Security-Based Precautionary Behaviors: Home vs. Office Work Environments,' Annual Information Institute Conference, Las Vegas, 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.

In Media

- **CNBC:** The overseas Apple iPhone encryption battle that could be headed to the U.S. next
- **JHU Hub:** 'Election 2024: Cybersecurity Showdown in the Age of AI'
- **CNBC:** 'China's New Focus in U.S. Elections Interference Is Not Harris-Trump Presidential Race'
- **Morning Brew:** 'What the Dirty Stream Vulnerability Pattern Means for Android Users'
- **Business Insider:** 'The Microsoft-CrowdStrike Outage Could Spur a Big Tech Trust Reckoning'
- **USA Today:** 'Painful Wake-Up Call: What's Next for CrowdStrike, Microsoft After Update Causes Outage?'
- **CNBC:** 'The CrowdStrike Fail and Next Global IT Meltdown Already in the Making'
- **Global News:** 'CrowdStrike Outage: Cybersecurity a Wake-Up Call to Dangers of Big Tech Reliance'
- **CNBC:** 'Why the Market's Most-Regulated Companies Need Military-Grade Cybersecurity'
- **CNBC:** 'What Internet Data Brokers Have on You and How You Can Start to Get It Back'

Teaching Experience

Johns Hopkins University, Carey Business School

- Information Systems
- Cybersecurity
- Cybersecurity and Data Vulnerabilities
- Artificial Intelligence
- Managing Complex Projects

Whiting School of Engineering, Johns Hopkins University

- Cybersecurity Risk Management
- Cybersecurity Compliance

Miami University

- Introduction to Computational Thinking

Virginia Commonwealth University

- Database Systems
- IT Infrastructure
- Information Systems Plan and Project Management
- Fundamentals of Data Communications

Course Design Experience

Whiting School of Engineering, Johns Hopkins University

- Cybersecurity Risk Management
- Cybersecurity Compliance

Carey Business School, Johns Hopkins University

- IT Consulting
- Cybersecurity in the Age of AI
- Cyber Networks
- Cybersecurity
- Cybersecurity and Data Vulnerability
- Information Systems
- IT Consulting Lab Practicum Course
- Cybersecurity Risk

Honors and Awards

- Provost DELTA Grant (\$75,000), Johns Hopkins University (2024)
- Teaching Innovation Award, Carey Business School (2024)
- Nominated for Relentless Advancement-Boundless Curiosity Award, Carey Business School (2021)

Professional Activities

- Associate Editor, IEEE IT Professional (2024–Present)
- Media Advisory, Central JHU Communications (Fall 2024)
- Program Committee Member, IEEE CompSAC 2025
- Senior Member, IEEE (2024)
- Member, IEEE Young Professional Society (2024–Present)
- Member, IEEE Computer Society
- Member, International Information System Security Consortium (ISC)²

Skills

- Programming & Tools: SAS, SPSS, R, Spark, XBRL, JMP, UML, XML, C, C++, C#, ASP, Java, Python, MSSQL, Oracle, Tableau, TensorFlow, PyTorch, AWS, Azure, Google Cloud Platform, Wireshark, Metasploit
- Virtual Reality integration into cybersecurity education, Online course design, Active learning techniques, AI-driven simulations for threat analysis, Cloud-based labs for scalable security training