

## **Jiming Wu**

Founder of iProgram.io  
Full Professor, Department of Management  
VBT 355, College of Business and Economics  
California State University, East Bay  
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### **EDUCATION**

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**Ph.D., University of Kentucky, 2003-2008**

- Major: Management Information Systems

**M.S., Texas Tech University, 2000-2002**

- Major: Management Information Systems

**B.A., Shanghai JiaoTong University, 1990-1994**

- Major: Management

### **ENTREPRENEURIAL ENDEAVOUR**

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Founder of [www.iProgram.io](http://www.iProgram.io) that strives to make programming easier

### **RESEARCH INTERESTS**

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Information and network security

Internet-based business applications and IT acceptance

Business analytics and Big Data

### **JOURNAL PUBLICATIONS**

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1. Xie, P., **Wu, J.** and Du, H. "The relative importance of competition to contagion: evidence from the digital currency market," *Financial Innovation* (5:41), 2019.
2. **Wu, J.** "A New Direction to Better Understand Post-Adoption Behavior: The Theory of Need for Information Systems," *Journal of Organizational Computing and Electronic Commerce* (29:2), 2019, 115-124.
3. **Wu, J.**, Du, H. and Xie, P. "Building up Knowledge through Meta-Analysis: A Review and Re-Interpretation," *Journal of Information Technology Theory and Application* (19:3), 2018, 4-21.
4. Xie, P., **Wu, J.**, and Wu, C. "Social Data Predictive Power Comparison across Information Channels and User Groups: Evidence from the Bitcoin Market," *Journal of Business Inquiry* (17:1), 2017, 41-54.
5. **Wu, J.** "Healthcare System-Use Behavior: A Systematic Review of Its Determinants," *Journal of International Technology and Information Management* (25:4), 2016, 74-83.
6. **Wu, J.** "Customer Satisfaction in the Context of Online Gaming Service: The Hedonic Experience Factor," *International Journal of Business Analytics* (1:3), 2014, 65-84.

7. **Wu, J.** and Holsapple, C. W. "Imaginal and Emotional Experiences in Pleasure-Oriented IT Usage: A Hedonic Consumption Perspective," *Information & Management* (51:1), 2014, 80-92.
8. **Wu, J.** and Holsapple, C. W. "Does Knowledge Management Matter? The Empirical Evidence from Market-Based Valuation," *ACM Transactions on Management Information Systems*, 2013 (4:2), Article 6.
9. **Wu, J.** and Lu, X. "Effects of Extrinsic and Intrinsic Motivators on Using Utilitarian, Hedonic, and Dual-Purposed Information Systems: A Meta-Analysis," *Journal of the Association for Information Systems* (14:3), 2013, 153-191.
10. **Wu, J.** and Du, H. "Toward a Better Understanding of Behavioral Intention and System Usage Constructs" *European Journal of Information Systems* (21:6), 2012, 680-698.
11. Holsapple, C. W. and **Wu, J.** "An Elusive Antecedent of Superior Firm Performance: The Knowledge Management Factor," *Decision Support Systems* (52:1), 2011, 271-283.
12. **Wu, J.**, Yao, E., Li, Y. and Du, H. "Theory and Evidence of Social Influence on NBA Officials' Decision Making," *International Journal of Information and Decision Sciences* (2:4), 2010, 340-351.
13. **Wu, J.** and Lederer, A. "A Meta-Analysis of the Role of Environment-Based Voluntariness in Information Technology Acceptance," *MIS Quarterly* (33:2), 2009, 419-432.
14. Holsapple, C. W. and **Wu, J.** "Antecedents and Outcomes of the Flow Experience: An Empirical Study in the Context of Online Gaming," *Journal of International Technology and Information Management* (17:3/4), 2008, 285-306.
15. Holsapple, C. W. and **Wu, J.** "In Search of a Missing Link," *Knowledge Management Research & Practice* (6:1), 2008, 31-40.
16. **Wu, J.**, Li, P. and Rao, S. "Why They Enjoy Virtual Game Worlds? An Empirical Investigation," *Journal of Electronic Commerce Research* (9:3), 2008, 219-230.
17. Holsapple, C. W. and **Wu, J.** "Building Effective Online Game Websites with Knowledge-Based Trust," *Information Systems Frontiers* (10:1), 2008, 47-60.
18. Holsapple, C. W. and **Wu, J.** "User Acceptance of Virtual Worlds: The Hedonic Framework," *The DATA BASE for Advances in Information Systems* (38:4), 2007, 86-89.
19. **Wu, J.** and Liu, D. "The Effects of Trust and Enjoyment on Intention to Play Online Games," *Journal of Electronic Commerce Research* (8:2), 2007, 128-140.
20. Sasidharan, S., **Wu, J.**, Pearce, D., Kearns, G. S. and Lederer, A. L. "The Role of Convergence in Information Systems and Business Planning," *Journal of International Technology and Information Management* (15:3), 2006, 1-18.

## BOOK CHAPTERS

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1. Du, H., Lederer, A. and **Wu, J.** "Trust in Electronic Commerce: Definitions, Sources, and Effects" in *Encyclopedia of E-Business Development and Management in the Global Economy*, I. Lee (ed.), IGI Global, 2010, 65-74.
2. **Wu, J.**, Du, H., Li, X. and Li, P. "Creating and Delivering a Successful Knowledge Management Strategy," in *Knowledge Management Strategies for Business Development*, M. Russ (ed.), IGI Global, 2009, 261-276.
3. Holsapple, C. W. and **Wu, J.** "A Resource-Based Perspective on Information Technology, Knowledge Management, and Firm Performance," in *Handbook of Research on Contemporary*

*Theoretical Models in Information Systems*, Y. K. Dwivedi, B. Lal, M. D. Williams, S. L. Schneberger, and M. Wade (eds.), IGI Global, 2009, 296-310.

4. Wu, Q., **Wu, J.** and Ling, J. "Applying Social Network Theory to the Effects of Information Technology Implementation," in *Handbook of Research on Contemporary Theoretical Models in Information Systems*, Y. K. Dwivedi, B. Lal, M. D. Williams, S. L. Schneberger, and M. Wade (eds.), IGI Global, 2009, 325-335.

## CONFERENCE PROCEEDINGS

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Feng, W. and **Wu, J.** "Predictive Modeling with Big Data: A Comparison of Methods," in *Proceedings for the 30<sup>th</sup> California State University Production and Operations Management Association (CSU-POM) Annual Conference*, 2018.

**Wu, J.** "Hedonic Experience and Online Game Player Satisfaction," in *Proceedings for the 2014 Western Decision Sciences Institute (WDSI) Conference*.

Rao, S., **Wu, J.**, Iyengar, D., and Sasidharan, S. "Environmental Factors Impacting Spam: An Initial Study," in *Proceedings for the 2012 Midwest Association for information Systems (MWAIS) Conference*.

**Wu, J.**, and Du, H. "A New Theory of Technology Usage," in *Proceedings for the 2010 JAIS Theory Development Workshop at International Conference on Information Systems*.

**Wu, J.** "Intention or Behavior, on Which Should Researchers Concentrate?" in *Proceedings for the 2009 Diffusion Interest Group in Information Technology (DIGIT) Conference*.

Holsapple, C. W. and **Wu, J.** "Does Knowledge Management Pay Off?" "**HICSS BEST PAPER**" **Winner** (out of 752 submissions), in *Proceedings for the 2008 Hawaii International Conference on System Sciences (HICSS 2008)*.

**Wu, J.**, and Li, P. "Why They Enjoy Using This Gaming Application?" in *Proceedings for the 2007 Americas Conference on Information Systems (AMCIS 2007)*.

**Wu, J.** "Exploring the Link between Knowledge Management Performance and Firm Performance" in *Proceedings for the 2007 Americas Conference on Information Systems (AMCIS 2007)*.

Holsapple, C. W. and **Wu, J.** "Antecedents and Effects of Flow Experience in Online Gaming: An Empirical Study," in *Proceedings for the 2006 Americas Conference on Information Systems (AMCIS 2006)*.

## CONFERENCE PRESENTATIONS & INVITED TALKS

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Cai, Z., Hou, S. and Wu, J. "Applying Machine Learning to the Prediction of Bank Deposit Subscription," presented at the 2<sup>nd</sup> International Conference on Artificial Intelligence and Big Data (ICAIBD), 2019.

Feng, W. and Wu, J. "Predictive Modeling with Big Data: A Comparison of Methods," presented at the 30th California State University Production and Operations Management Association (CSU-POM) Annual Conference, 2018.

Xie, P., Du, H. and Wu, J. "The Effect of Social Media Hierarchy Systems on Social Influence and Information Spillover Effect," presented at 2018 IEEE 3<sup>rd</sup> International Conference on Big Data Analysis (ICBDA 2018).

- Sarnikar, S., Du, H. and Wu, J. "Determinants of Self Service Technology Usage in Healthcare: Aggregate Data Analysis," presented at 2017 SIG-Health Pre-ICIS Workshop.
- Wu, J. "Use Amazon Elastic MapReduce to Process Big Data," presented at the International Conference on Utility and Cloud Computing (UCC 2016).
- Wu, J. "Hedonic Experience and Online Game Player Satisfaction," presented at the 2014 Western Decision Sciences Institute (WDSI) Conference.
- Rao, S., Wu, J., Iyengar, D., and Sasidharan, S. "Environmental Factors Impacting Spam: An Initial Study" presented at the 2012 Midwest Association for information Systems (MWAIS) Conference.
- Wu, J. and Du, H. "The Empirical Evidence for the Link between Knowledge Management Performance and Firm Market Performance" presented at the SIG Information Quality Workshop at the 2011 International Conference on Information Systems.
- Wu, J. and Du, H. "A Motivational Perspective on Using Trichotomized Information Technology" presented at the Diffusion Interest Group in Information Technology (DIGIT) Workshop at the 2011 International Conference on Information Systems.
- Yao, E., Li, Y., Wu, J. and Langabeer, J. R. "Perceptions and Social Comparison: Relationships to Behavior and Performance," presented at the 2011 Academy of Management conference.
- Wu, J., and Du, H. "A New Theory of Technology Usage," presented at the 2010 JAIS Theory Development Workshop at International Conference on Information Systems.
- Wu, J. "Procedures, Methods, and Issues of Conducting a Meta-Analysis," invited talk at Rensselaer Polytechnic Institute (RPI), November 11, 2010.
- Wu, J. "Intention or Behavior, on Which Should Researchers Concentrate?" presented at the Diffusion Interest Group in Information Technology (DIGIT) Workshop at the 2009 International Conference on Information Systems.
- Holsapple, C. W. and Wu, J. "Does Knowledge Management Pay Off?" presented at the 2008 Hawaii International Conference on System Sciences (HICSS 2008).
- Wu, J. and Li, P. "An In-Depth Analysis of Factors Critical to the Success of Knowledge Management Strategy," presented at ISOneWorld 2009 Conference, Las Vegas, 2009.
- Wu, J., and Li, P. "Why They Enjoy Using This Gaming Application?" presented at the 2007 Americas Conference on Information Systems (AMCIS 2007)
- Holsapple, C. W. and Wu, J. "Antecedents and Effects of Flow Experience in Online Gaming: An Empirical Study," presented at the 2006 Americas Conference on Information Systems (AMCIS 2006).
- Wu, J. and Liu, D. "Investigate Factors Important to Behavioral Intention in Online Gaming Context," presented at Decision Sciences Institute Annual Meeting, San Antonio, November 18-21, 2006.
- Wu, J. "The Effects of Knowledge on E-Commerce Success," presented at Decision Sciences Institute Annual Meeting, San Antonio, November 18-21, 2006.
- Wu, J. "The Role of Knowledge Management in User Satisfaction," presented at Decision Sciences Institute Annual Meeting, San Francisco, November 19-22, 2005.
- Kearns, G. S., Lederer, A. L., Pearce, D., Sasidharan, S. and Wu, J., "The Role of Common Understanding in Information Systems and Business Planning", presented at Decision Sciences Institute Annual Meeting, Boston, November 20-23, 2004.

## **TEACHING EXPERIENCE**

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Courses Taught at **California State University, East Bay** (Summer, 2008 – Now)

Technology Fundamentals for Analytics (graduate course)  
Big Data Technology and Applications (graduate course)  
Information Systems Management (graduate course)  
Database Theory and Administration (graduate course)  
Business Application Programming (undergraduate)  
Fundamentals of IS & Applications (undergraduate)  
Information Technology Management (undergraduate)  
Database Management and Application (undergraduate)  
Information Systems Development & Mgmt. (undergraduate)  
Decision Science (undergraduate)

Courses Taught at **University of Kentucky** (Fall, 2003 – Spring, 2008)

Quantitative Analysis in Operations Mgmt. (undergraduate)  
Business Computing Systems (undergraduate)  
Management Information Systems (undergraduate)

## **TEACHING INTERESTS**

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Systems Analysis and Design, Information and Network Security, Programming Languages, Database Management Systems, Web Application Design, Networking, Business Intelligence, Project Management, Electronic Commerce, Operations Management, Management of Information Systems

## **HONORS & AWARDS**

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**Marv Remmich Outstanding Faculty Award**, College of Business & Economics, 2015

**Outstanding New Researcher Award**, California State University, East Bay, 2013

**Best Paper Award**, the 2008 Hawaii International Conference on System Sciences (HICSS 2008)

**Awarded by Research, Scholarship and Creative Activity (RSCA) funding**, CSUEB, 2011

## **PROFESSIONAL SERVICE**

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Serve as an Associate Editor of the *Journal of Organizational Computing and Electronic Commerce* (JOCEC).

Serve as an active reviewer for *MIS Quarterly*, *European Journal of Information Systems*, *Journal of Strategic Information Systems*, *Decision Support Systems*, *Information Systems Journal*, *International Journal of Information Management*, *Journal of Organizational Computing and Electronic Commerce*, *Journal of Electronic Commerce Research*, *Knowledge Management Research &*

*Practice, Knowledge and Information Systems, Behaviour & Information Technology, Service Industries Journal, International Conference on Information Systems, Americas Conference on Information Systems, Hawaii International Conference on System Sciences, European Conference on Information Systems, SIG Information Quality Workshop, and Diffusion Interest Group in Information Technology Workshop.*

## **WORK EXPERIENCE**

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Associate Professor, California State University, East Bay, 2008 - present

Assistant Professor, California State University, East Bay, 2008 - 2013

Instructor of School of Management, University of Kentucky, 2003 – 2008