Muhammad Al-Abdullah

College of Business
University of Tampa
401 W Kennedy Blvd
Tampa, FL 33606

EDUCATION

May 2015
Ph.D. Information Systems
Virginia Commonwealth University, Richmond, Virginia
Thesis: *An Actor Network Theory Approach in Investigating the Information Systems Perspective of Anti-Money Laundering Compliance Through a Case Study of the Foreign Account Tax Compliance ACT (FATCA) Implementation in a Jordanian Local Bank*

September 2007
M.Sc. Managing Information Technology
University of Salford, Manchester, UK
Thesis: *The Trustifiers of E-purchaser*

December 2006
B.Sc. Computer Information Systems
Yarmouk University, Irbid, Jordan

PROFESSIONAL EXPERIENCE

Nov. 2017 – Dec. 2018
Cofounder of the Decentralized Education Nexus (DEN)
A blockchain academy
Fremont, CA, USA
My co-founders and I established the DEN in order to train technical developers to become blockchain engineers. We focused on teaching participants how to build a blockchain protocol as well as distributed applications (DApps). Our teaching was hands-on. Our students worked with actual blockchain projects through our network of entrepreneurs, startups, and the blockchain companies we connected them with. We also trained managers and decision-makers in harnessing blockchain in their business strategy.

Nov. 2017 – Aug. 2018
Director of Research and Development
Dispatch Labs LLC, a Blockchain Protocol
San Francisco, USA
I worked closely with management and developers in my research on best practices in relation to the development of company milestones. For example, I conducted a full technical research project on node discovery and encryption models. I also worked with the company's consulting team on a compliance project on the requirements of the General Data Protection Regulation (GDPR). I researched the GDPR in relation to blockchain and connected the company with consultants in order to write license agreements and privacy compliance mechanisms. I also conducted competitive analysis for the company and helped define their market propositions.

Dec. 2009 – Apr. 2010
Project Associate
Consulting project for Virginia Information Technology Agency "Commonwealth Project Governance Assessment (CGPA)"
Virginia, USA
I was part of a group that analyzed and assessed the governance of IT projects for the State of Virginia. We recommended that governance and oversight be assigned based on the risk and complexity of the

project instead of using cost as the sole determinant. Accordingly, we delivered a model to assess the level of governance and oversight needed for the State's projects based on risk and complexity.

May 2000 – Aug. 2004
Technical Support and Personal Computers advisor
Unites Business Machines (the agent of IBM in Jordan)
Amman, Jordan
I worked closely with the UBM's marketing team in order to fulfill customers' orders. I also worked on after sales customer service.

TRAINING AND SKILLS

Certified Anti-Money Laundering Specialist, ACAMS Online	November 2019
Salesforce System Administrator, Salesforce University San Francisco, CA	December 2017
Blockchain Developer, UC Berkeley Berkeley, CA.	June 2017
Appreciative Advising: The 6 Phases that Lead to Student Success, ECPI University Richmond, VA	September 2014
Certified Ethical Hacker (CEH), InfoTech Richmond, VA	July 2014
CompTIA Security+, InfoTech Richmond, VA	June 2014
Project Management Professional (PMP), InfoTech Richmond, VA	May 2014
Apple iTuneU and iBook Training, Apple Washington, DC	March 2013
Information Storage Management EMC Training, EMC Richmond, VA	January 2013
Six Sigma Quality and Process Improvement Black Belt, VCU Richmond, VA	August 2012
Teaching, Learning and Technology, VCU Richmond, VA	September 2011

RELATED EXPERIENCE

Teaching

Assistant Professor, Department of Business Analytics and Information Systems
University of San Francisco, San Francisco, CA
2016 – present
Courses Taught
- BUS 308: Systems in Organizations
- BUS 205: Applied Business Technology (Introduction to Python)
- MBA 6529: Coding for Analytics
- BUS 346: Introduction to Information Security

Visiting Assistant Professor, Department of Business Analytics and Information Systems University of San Francisco, San Francisco, CA
2015–2016
Courses Taught
- BUS 308: Systems in Organizations

Instructor, Department of Computer Information Systems
ECPI University, Richmond, VA
ECPI is a four-year accredited university that teaches a fast track bachelor's degree. A semester in ECPI consists of three five-week terms. In each term, a student studies two courses. Each ECPI course is the equivalent of three credit hours. Each course meets twice a week for five hours for a total of fifty hours.
Nov. 2011 – May 2015
Courses Taught
- IST120: Computer Applications
- CIS 106: Introduction to Operating Systems
- CIS 121: Logic and Design
- CIS150: Introductions to Networking
- CIS151: Introductions to Networking 2
- CIS206: Unix Administration
- CIS212: Network Security Concepts
- CIS253: Network Virtualization Fundamentals
- CIS305: Advanced Linux Administration
- CIS328: Email Services
- CIS321: Network Scripting
- CIS403: Ethical Hacking
- CIS410: Systems Security
- BUS122: Principles of Business and Management
- BUS331: Managing Information Systems
- BUS242: Technology Optimization
- BUS328: Business Process Improvement
- EET 282: Wireless Security

ECPI University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award the associate's, baccalaureate, and master's degrees and diplomas.

Instructor, Department of Information Systems, Virginia Commonwealth University
Jan. 2010 – Jan. 2014
- INFO 360: Business Information Systems
- INFO 370: Fundamentals of Business Communications
- INFO 468: Information Engineering
- INFO 472: LAN Administration

Teaching Assistant, Department of Information Systems, Virginia Commonwealth University
August 2010 – May 2013
- INFO 370: Fundamentals of Business Communications
- INFO 630: Systems Development
- INFO 361: System Analysis and Design
- INFO 644: Principles of Computer and Information Systems Security
- CISS 634: Ethical, Social and Legal Issues in Computer and Information Systems Security

REFEREED JOURNAL PUBLICATIONS

- Alsharo, M. Alnsour, Y. and Al-Abdullah, M. (2018) "How Habit Affects Continuous Use: Evidence from Jordan's National Health Information System," *Informatics for Health and Social Care,* Vol. 21, pp. 1-14.
- Alsmadi, I. and Al-Abdullah, M. (2020) "A Model for Reputation Rank in Online Social Networks and its Applications," *International Journal of Social Network Mining (IJSNM).*
- *Al-Abdullah, M., Alsmadi, I., Al-Abdullah, R, and Farkas, B. (In Press), "*Designing Privacy-friendly Data Repositories: A framework for a blockchain that follows the GDPR*," Digital Policy, Regulation and Governance.*
- *Khasawneh, M., Al-Abdullah, M. (In Press), '*An Investigation of the Factors that Motivate Users to Participate in Online Communities", International Journal of E-Business Research.

BOOK CHAPTERS

- Alsmadi, I., Al-Abdullah, M. (2018). "Applications of a Model to Evaluate and Utilize User's Interactions in Online Social Networks." *Machine Learning for Computer and Cyber Security* (pp.105–121). Edited by Brij Gupta and Michael Sheng, Published by Taylor and Francis
- Alsmadi, I., Al-Abdullah, M. (2018) "Testing Assessment of Group Collaborations in OSNs," *Emerging Research Challenges and Opportunities in Computational Social Network Analysis and Mining* (pp. 131–152). Edited by Nitin Agarwal, Nima Dokoohaki, Serpil Tokdemir. Published by Springer

CONFERENCE PAPERS

- Al-Abdullah, M., Weistroffer, R. and Sidaoui, M. "Securing Humanitarian Information Exchange: a Mediator-Wrapper Architecture." In *Proceedings of the 23rd Americas Conference on Information Systems*, Boston, MA, August, 2017.
- Etudo, U., Al-Abdullah, M. "An Actionable Representation for Popular Fundamental Investment Strategies." In *Proceedings of the 23rd Americas Conference on Information Systems*, Boston, MA, August, 2017.
- Etudo, U. Weistroffer, R. and Al-Abdullah, M. "Adaptive Structuration Theory and Media Richness Theory in GSS Research: A Critical Review." In *Proceedings of the 48th Annual Hawaii International Conference on Systems Sciences*, Kauai, HI, January 5–8, 2015
- Weistroffer, R., Al-Abdullah, M., Mohajeri, K., Farkas, B., and Sayamala, L. "Critical Bibliography for System Analysis and Design Research." In *Proceedings of the 10th Association of Information Systems (AIS) Special Interest Group on Systems Analysis and Design (SIGSAND) Symposium*, Bloomington, Indiana, USA, June, 2011
- Al-Abdullah, M., and Weistroffer, R. "A Framework to Enhance Decision Outcomes: Data Quality Perspective." In *Proceedings of the Southern Association of Information Systems*, Georgia, Atlanta, USA, March, 2011, pp. 1–15

NON-REFEREED CONFERENCE PRESENTATIONS

- Al-Abdullah, M. "Blockchain Applications and Risks When Applied to Fight Against Corruption." Presented in the Thirty- Seventh Cambridge International Symposium on Economic Crime, University of Cambridge, Cambridge, UK, September, 2019
- Al-Abdullah, M. "Identity on the Blockchain." Presented in the Cyber Security Conference (CYBPOS), Amman, Jordan, September, 2019
- Al-Abdullah, M. "Bridging the Gap Between Education and Practice in the Field of Anti-Money Laundering and Financial Crimes." Presented in the Thirty-Fifth Cambridge International Symposium on Economic Crime, University of Cambridge, Cambridge, UK, September, 2017
- Al-Abdullah, M. "The Chaotic Nature of Adapting Technology in Anti-Money Laundering." Presented in the Thirty-Second Cambridge International Symposium on Economic Crime, University of Cambridge, Cambridge, UK, September, 2014
- Al-Abdullah, M. "Technology, Anti-Money Laundering, and Gray Markets." *The 12th Annual Security Conference*, Las Vegas, Nevada, USA April, 2013

WORK-IN-PROGRESS

- Alsmadi, I., Al-Abdullah, M., Smadi, H. "Google Search and its Relation to Stock PricesChange,"
- Al-Abdullah, M., Alsmadi, I. "Decentralized, Secured, or Scalable: A Review of Blockchain Consensus Models."
- Al-Abdullah, M., "Using Systems Dynamics to Analyze the Role of Social Media in Radicalization."
- Al-Abdullah, M., Lee, A.S., "Information as an Actor in Actor Network Theory."
- Al-Abdullah, M., "Using Blockchain's Proof-of-Capacity Consensus in Securing Information Exchange in the time of Crisis."
- Al-Abdullah, M., Demetis, D. "Blockchain and Corruption: a Socio-Technical Approach."

SERVICE

Departmental Level:
- Designed the course (Systems in Organizations) USF
- Designed the course (Introduction to Python) USF, UT
- Designed the course (Introduction to Information Security) USF
- Designed the course (Machine Learning Analytics with Python) UT
- Designed the course (Mobile and Web Development) UT
- Onboarded new faculty with teaching material as well as teaching requirements USF
- Redesigned MSIS course map with learning objectives as part of AACSB assurance of learning USF
- Connected students with start-ups by conducting hands-on tutoring to provide the students with the skills needed to find jobs. USF, UT

School Level:
- AACSB Assurance of Learning committee (Spring 2017 – present)
- Ethics Learning objective steering committee for the School of Management
- MSIS course objective and assessment project
- Salesforce Business Analyst training for the School of Management
- Advising Students
- MSIS Curriculum Redesign

University Level:
- Joint University Library Advisory Committee

Professional and IS community service level:
- Editorial Review Board Member for Journal of Database Management
- Invited Reviewer for the Americas Conference of Information Systems (AMCIS 2017)
- Invited Reviewer for Dewald Roode Security Workshop (2016)

COMMUNITY SERVICE

- Small-level business consulting for small businesses in San Francisco and surrounding area by asking the students to apply knowledge gained from the systems in organizations class.
- Running blockchain events and community meetups
- Faculty advisor of the Cryptocurrency club at the University of Tampa

AWARDS

- Outstanding Service Award, School of Management, University of San Francisco (2017)