



# Curriculum Vitae

**Faculty Name:** Ahmed Abdelmoamen Ahmed      **Work Address:** P.O. Box 519; MS 1060  
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**Position Title:** Assistant Professor

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Education:	Degree and Area of Study	Institution Name	Degree Date
	Ph.D., Computer Science	University of Saskatchewan	August 2017
	MS., Computer Science	Cairo University	June 2011
	BS., Computer Science	Cairo University	May 2007

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Assistant Professor	Prairie View A&M University	10/2017 – current
	Lecturer/Teaching Assistant	University of Saskatchewan	09/2012 – 09/2017
	Lecturer/Teaching Assistant	Cairo University	09/2007 – 08/2012

**Professional Publications:** Ahmed Abdelmoamen, Nadeem Jamali. An Actor-Based Middleware for Crowd-Sourced Services . EAI Endorsed Transactions, vol. 17, pages 1–15, 2017.

Ahmed Abdelmoamen, Nadeem Jamali. Opportunistic Sharing of Continuous Mobile Sensing Data for Energy and Power Conservation. IEEE Transactions on Services Computing (TSC), vol. PP, no. 99, pp. 1–14. doi: 10.1109/TSC.2017.2705685, 2017.

Ahmed Abdelmoamen, Dezhong Wang, Nadeem Jamali. Supporting Resource Control for Actor Systems in Akka. In Proceedings of the IEEE International Conference on Distributed Computing Systems (ICDCS '17), pages 2642–2645, Atlanta, USA, 2017.

Ahmed Abdelmoamen, Nadeem Jamali. Supporting Resource Bounded Multitenancy in Akka. In Proceedings of the ACM SIGPLAN Conference Companion on Systems, Programming, Languages and Applications (SPLASH '16), pages 33–34, Amsterdam, The Netherlands, 2016.

Ahmed Abdelmoamen, Nadeem Jamali. CSSWare: A middleware for scalable mobile crowd-sourced services. In Proceedings of the EAI International Conference on Mobile Computing, Applications and Services (MobiCASE '15), pages 181–199, Berlin, Germany, 2015.

Ahmed Abdelmoamen, Nadeem Jamali. ModeSens: An Approach for Multi-Modal Mobile Sensing. In Proceedings of the ACM SIGPLAN Conference Companion on Systems, Programming, Languages and Applications (SPLASH '15), pages 40–41, Pittsburgh, USA, 2015.

Ahmed Abdelmoamen, Nadeem Jamali. CSSWare: An Actor-Based Middleware for Mobile Crowd-Sourced Services. In Proceedings of the EAI International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services (MobiQuitous '15), pages 287–288, Coimbra, Portugal, 2015.

Ahmed Abdelmoamen, Nadeem Jamali. ShareSens: An Approach to Optimizing Continuous Mobile Sensing Workloads. In Proceedings of the IEEE International Conference on Mobile Services (MS '15), pages 89–96, New York, USA, 2015.

Ahmed Abdelmoamen and H. Hamza. On Securing Atomic Operations in Multicast AODV. International Journal of Mobile and Adhoc Network (AHSWN), vol. 28, pages 137–159, 2015.

Ahmed Abdelmoamen and Nadeem Jamali. Coordinating Crowd-Sourced Services. In Proceedings of the IEEE International Conference on Mobile Services (MS '14), pages 92–99, Alaska, USA, 2014.

Ahmed Abdelmoamen and Nadeem Jamali. An Actor-Based Approach to Coordinating Crowd-Sourced Services. International Journal of Services Computing (IJSC), vol. 2, pages 43–55, 2014.

Ahmed Abdelmoamen, H. Hamza, and I. Saroit. Secure Multicast Routing Protocols in MANETs. International Journal of Communication Systems, John Wiley, vol. 27, pages 2808–2831, 2013.

Ahmed Abdelmoamen, H. Hamza, and I. Saroit, New attacks and efficient countermeasures for multicast aodv. In Proceedings of the international conference on High-Capacity Optical Networks and Enabling Technologies (HONET '10), pages 51–57, Cairo, Egypt, 2010.

Ahmed Abdel Moamen, H. Hamza, and I. Saroit, A survey on security-enhanced multicast routing protocols in Mobile Ad hoc Networks. In Proceedings of the International Conference on High-Capacity Optical Networks and Enabling Technologies (HONET '10), pages 262–268, Cairo, Egypt, 2010.

**Additional  
Trainings/Skills:**      None