

Curriculum Vitae

Dr Ann Nosseir, PhD, MPA, BSc (Hons)

DEGREES & CERTIFICATES:

PhD in Computer Science	University of Strathclyde	November 2008
Masters in Public Administration	American University in Cairo	January 1999
BSc(Hons) in Management Information Systems	Sadat Academy	June 1990

WORK EXPERIENCE:

Feb. 1997 –	Associate Professor	Institute of National Planning
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Research: Working on a number of short research projects on the assessment of the usability and user perception of Egyptian e-services (see publications below); the modeling of the Egyptian unemployment problem using Performance Evaluation Process Algebra (PEPA); and the economics of information security.

Software development:

Development of the INP website using ASP.Net

Teaching: Preparation and teaching of courses on Introduction to Computers, M/S Windows, Internet, HTML, M/S Excel, SPSS, and Oracle Database Architecture. in the master's program, teaching a session about the new technologies and its impact on the society.

IS Analysis: Data analysis for an automated library system.

Management & administration: Successful completion the ICDL (International Computer Driving License) accreditation process for the INP to become an authorized ICDL training and testing center. The process involves liaising with the UNESCO Cairo Office and INP staff to collect ICDL accreditation requirements, conducting a market research, setting the financial, administrative, and teaching executive plan and developing an automated system to track the details status of the trainees from registration till completion of the ICDL certificate. Member of IT committee supervising the process of improving the INP network and Internet connections, setting up a wireless network, and getting in touch with government agencies to digitize INP documentation and make it available online. Successful completion the EuroMeSCo (the Euro-Mediterranean Study Commission). It is the main network of research centres on politics and security in the Mediterranean, striving at building a community of research institutes and think tanks committed to strengthening Euro-Mediterranean relations. EuroMeSCo consistently ranks among the top 10 think tank

networks in the world in the Global Go-To Think Tank Index Report of the Lauder Institute at the University of Pennsylvania. Developing training packages for the master's students and outside trainees.

Community service: developing material for an e-commerce course and delivered one that was very successful.

Sep. 2011 –	Associate Professor	British University in Egypt
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The British University in Egypt offers a BSc(Hons) in Computer Science in a validation agreement with Loughborough University.

RESEARCH ACTIVITIES:

1. Researcher at universities

summer (2011)		
summer (2012)	Researcher	Oxford Brookes University

Design, execution of user studies, and analysis and documentation of the collected quantitative and qualitative data to assess the usability, efficiency and effectiveness of the user interface of different mobile applications as a member of the team of the People at the Centre of Mobile Application Design (PACMAD) project (see publications below).

Mar. 2007 – Sept. 2008	Researcher	University of Bath
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Research: Design, execution and documentation of observational studies on human collaboration with the aim of developing design guidelines and assessment metrics for collaboration between human and unmanned autonomous systems (see publications below).

2. Research fund: UK and Germany

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- Newton Musharraf Links Travel Grants with the **British Council** UK government 2015-2016.
 - **German-Egyptian** Research Fund (GERF) 2017-2019.

3. Reviewer

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- Human Computer Interaction Conference,
 - International Conference on Enterprise Information Systems,
 - International Journal of Cognitive Performance Support

4. Membership with professional bodies

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- Association for Computing Machinery (ACM)

5. Publications (in reverse chronological order)

- **Nosseir ,A.**, Hamad,A. , Wahdan,A. Detecting Drivers' Fatigue in Different Conditions Using Real Time Non-Intrusive System, ICICT 2020, London, 2, Springer, to be published.
- **Nosseir,A.**, Fathy, Y., A Mobile Application for Early Prediction of Student Performance Using Fuzzy Logic and Artificial Neural Networks, International Journal of Interactive Mobile Technologies (IJIM),2020, to be published.
- **Nosseir, A.**, Seif Eldin, A., Automatic Classification for Fruits' Types and Identification of Rotten Ones using k-NN and SVM. International Journal of Online Engineering. 15 (3), 2019, pp 47-61.
- **Nosseir,A.**, El Araby, O., Monitoring Baby State While Sleeping Using K-NN and M-SVM Classifiers, , ICSIE '19 Proceedings of the 8th International Conference on Software and Information Engineering , ACM,2019, pp 263-267
- **Nosseir, A.**, Shawky, M., Automatic Classifier for Skin Disease Using k-NN and SVM, ICSIE '19 Proceedings of the 8th International Conference on Software and Information Engineering, ACM,2019, pp 259-266.
- **Nosseir ,A.**, Roshdy,R., Extraction of Egyptian License Plate Numbers and Characters Using SURF and Cross Correlation, ICSIE '18 Proceedings of the 7th International Conference on Software and Information Engineering , ACM,2018, pp. 48-55.
- **Nosseir , A.**, Seif Eldin, A., Automatic Identification and Classifications for Fruits Using k-NN, ICSIE '18 Proceedings of the 7th International Conference on Software and Information Engineering, ACM,2018 2018, pp. 62-67.
- **Nosseir,A.**, Adel,O., Automatic Extraction of Arabic Number from Egyptian ID Cards, ICSIE '18 Proceedings of the 7th International Conference on Software and Information Engineering, ACM,2018 pp 56-67.
- El-Seoud, S., **Nosseir, A.** and Taj-Eddin, I., E-Learning and Students' Motivation: A Research Study on the Effect of E-Learning on Higher Education. iJET , 9(4), 2014, Pp 20-26.
- El-Seoud S.,Taj-Eddin I. and Nosseir A., Using Handheld Mobile System for Teaching Illiterates. IEEE 17th International Conference on Interactive Collaborative Learning (ICL2014). 2014, pp26-32.
- **Nosseir, A.**, Nagati, K.and Taj-Eddin,I., Intelligent Word-Based Spam Filter Detection Using Multi-Neural Networks ,IJCSI International Journal of Computer Science 10, (2) 1, 2013, ACM, pp.1694-0784
- Hesham, A., **Nosseir, A.** and Karam, O. A Novel System for Music Learning using Low Complexity Algorithms. Int. Journal of Applied Information Systems 6(4), ACM October, 2013. pp.22-29.

- El-Seoud, S., **Nosseir, A.** and Taj-Eddin, I., A Proposed Pedagogical Mobile Application for Learning Sign Language, accepted by the International Journal of Interactive Mobile Technologies, 2013
- **Nosseir, A.**, Harrison, R., Flood, D. and Ibrahim, O., Mobile Development Process Spiral, in Proceedings of IEEE International Conference on Computer Engineering & Systems (ICCES'2012), Cairo, Egypt, November 2012.
- Flood, D., Harrison, R., **Nosseir, A.** and McDaid, K., Are Mobile Spreadsheet Applications Usable?, Journal of Organizational and End User Computing, vol. 25, no.1, 2012
- El-Seoud, S.A., Taj-Eddin, I., **Nosseir, A.** and Abu Rumman, N., Using Handheld Mobile System for Learning Sign Language, in Proceedings of the IEEE International Conference on Interactive Collaborative Learning (ICL2012), Villach, Austria, September 2012.
- **Nosseir, A.**, and Terzis, S., Novice User Perception of e-Services: A Study in the Egyptian Public Sector, in Proceedings of the IEEE Conference on Applied Electrical Engineering and Computing Technologies, Amman, Jordan, December 2011.
- Flood, D., Harrison, R. and **Nosseir, A.**, Useful but Tedious: An Evaluation of Mobile Spread Sheets, in Proceedings of the Psychology of Programming Interest Group Annual Conference (PPIG), York, UK, September 2011 .
- **Nosseir, A.** and Terzis, S., Towards Authentication via Selected Extraction from Electronic Personal Histories. In: Enterprise Information Systems. Lecture Notes in Business Information Processing, vol. 73, Springer, pp. 571-587, 2011.
- **Nosseir, A.** and Terzis, S., A Study In Authentication via Electronic Personal History Questions. in Proceedings of the 12th International Conference on Enterprise Information Systems.(ICEIS 2010), Madeira, Portugal, June 2010, pp. 63-70.
- **Nosseir, A.**, Hourizi, R. and Johnson, P., Towards Autonomous Systems that Collaborate: Investigation of a Proposed Collaborative Framework, DTC Conference 2008, Edinburg, UK, June 2008.
- **Nosseir, A.**, Connor, R. and Renaud, K., Group-Based Cognitive Authentication, in Proceedings of the ACM OZCHI 2006, Sydney, Australia, November 2006. **Awarded the Euan Minto Prize.**
- **Nosseir, A.**, Connor, R., Revie, C. and Terzis S., Using Context Data for Question-Based Authentication, in Proceedings of the ACM NordiCHI 2006, Oslo, Norway, October 2006.