



Al-Mustansiriya University /College of Science /computer Science Department

CURRICULLUM VITAE

Full Name	Esraa Jaffar Baker
Date of Birth	Baghdad – 19/09/1971
Gender	Female
Nationality	Iraqi
Place of Birth	Iraq-Baghdad
Languages	Arabic and English

Education:

Ph.D.	Computer Science	Universiti Utara Malaysia	2019
Title of Ph.D. Research: Conceptual Model of Mobile Augmented Reality for Engaging Hearing-Impaired Museum Visitors (specialist in Multimedia System)			
M.Sc.	Computer Science	Iraqi Commission for Computers and Informatics	2005
Title of M.Sc. Research: Image Watermarking using Coarseness and Wavelet Transform			
B.Sc.	Computers Science	University of Al Mustansiriay / Al-Education College/ Science Computer	2000-2001



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Practical Experience:

Position hold	Date From	Date To	Organization
Assistant Programmer	1992	1999	Ministry of Oil / Dora Refinery
Lecturer	2005	And continuous	University of Al Mustansiriay / College Science Computer

Project Supervising:

B. Sc.	M.Sc.	PH.D.
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Research Areas:

- Computer Security.
- Image Processing.
- Multimedia Systems

Publishing Papers:

- "Data Hiding Using LSB" Journal of Education Collage, Al-Mystansiryia University, Baghdad 2007.
- "Embedding Digital Watermarking Using Wavelet Transform" Journal of Education Collage, Al-Mystansiryia University, Baghdad 2006.



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- “Objects Extraction Using Region Growing Considering on Color Information”, Journal of Base Education Collage, Al-Mystansiryia University, Baghdad 2010.
- "Infrared Communication Network Using HOC Algorithm” Journal of lecture, Baghdad University, 2010.
- "Steganography In Images by using Intersecting Plans” Journal Eng.and Technology Journal, University of Technology, Baghdad 2011.
- "Topographic Image Classification Considering Color Information", the conference will take place at computer Science, Al-Mystansiryia University, Baghdad 2011.
- " Image Watermarking Using Wavelet Transform", The conference will take place at Applied Science University, in Amman, Jordan, 2006.
- Baker, E. J., Bakar, J. A. A., & Zulkifli, A. N. (2017). Mobile Augmented Reality Elements for Museum Hearing Impaired Visitors’ Engagement. Journal of Telecommunication, Electronic and Computer Engineering (JTEC), 9(2-12), 171-178.
- Baker, E. J., Bakar, J. A. A., & Zulkifli, A. N. Engagement Elements for Mobile Augmented Reality Application. International Journal of Engineering and Technology (IJET). ISSN : 2227-524X.(2018)
- Baker, E. J., Bakar, J. A. A., & Zulkifli, A. N. (2018, September). Mobile augmented reality for hearing impaired museum engagement (MARHIME): A conceptual model. In AIP Conference Proceedings (Vol. 2016, No. 1, p. 020031). AIP Publishing



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- Baker, E. J., Bakar, J. A. A., & Zulkifli, A. N. (2017, October). Elements of museum mobile augmented reality for engaging hearing impaired visitors. In AIP Conference Proceedings (Vol. 1891, No. 1, p. 020033). AIP Publishing.
- Baker, E. J., Bakar, J. A. A., & Zulkifli, A. N. (2018, March). Conceptual Model Elements for Mobile Augmented Reality for Engaging Hearing-Impaired Museum Visitors. In SMMTC Postgraduate Symposium 2018 (p. 86).
- Baker, E. J., Bakar, J. A. A., Zulkifli, A. N., & Omar, A.,C. Development of the MARHIME App Embedding the Mobile Augmented Reality for Hearing-Impaired Museum Visitors Engagement Model. International Journal of Innovative Technology and Exploring Engineering, (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8S, June 2019.
- Baker, E. J., Bakar, J. A. A., Zulkifli, A. N., & Omar, A.,C. Development of the MARHIME App Embedding the Mobile Augmented Reality for Hearing-Impaired Museum Visitors Engagement Model. International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8S, June 2019.

Training :

- IC3 trained
- Database
- Computer Graphics
- MS-DOS
- Research Methodology
- Academic Writing



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Further Experience:

Worked in the Computer Center at the Dora Refinery programmer of the year 1992-1999 and after I finished my Masters in 2005 and served the function of a university professor in the Department of Computer Science Higher \ Faculty of Science \ Mustansiriya University since 2005 and still continues to work, I have achieved the following practical experiences.

- Techniques Computer.
- Computer Security.
- Image Processing
- Artificial intelligence
- Computer graphics
- Logic design
- Web design
- E-Commerce
- Programming language(C, Vb6, Pascal, C++, HTML, Mobile porgramming and MatLap)