

C.V

PERSONAL INFORMATION



- **Name** : Sameh Zarif Fahim Shinoda
- **Marital status** : Married
- **Nationality** : Egyptian
- **Date Of Birth** : 23/11/1983
- **Place of Birth** : Egypt
- **Military status** : Completed
- **Address** : Faculty of Computers and Information, Menofiya University, Shebin El kom, Egypt
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EDUCATION

- **B.Sc.**, Information Technology, Faculty of Computers and Information, Menoufiya University, , Egypt, 2005.
- **Postgraduate studies**: Preliminary M.Sc and Preliminary PhD courses.
- **M.Sc.** by research of Information technology, Faculty of Computers and Information, Information Technology department, Menoufiya University, Egypt, 2009.
- **M.Sc. Title**: Restoration of Missing Parts or Scratches in Digital Images.
- **PhD** by research of Information technology, Computers and Information sciences department, center of intelligent signal and imaging research (CISIR), Universit Teknologi Petronas, Malaysia, 2015.
- **PhD Title**: Multichannel Image and Video Inpaainting Based on Gray Level Co-occurrence Matrix.

RESEARCH AND TEACHING EXPERIENCE

- 15 years

LANGUAGES

Arabic, English

PROGRAMMING LANGUAGES

- **Programming Languages.**

- (1) C/C++

- Level : Advanced

- Tools : Microsoft® Visual C++ & Borland C & C++ Builder

- (2) Matlab

- Level : Advanced

- (3) VISUAL BASIC

- Level : Advanced

- Tools: Microsoft ® Visual Basic (Visual Studio 6®)

- **DBMS.**

- (1) Microsoft Access

- (2) Oracle 10g.

RESEARCH OF INTERESTS

- Image/video processing.
- Image/video inpainting
- Pattern Recognition
- Computer vision.
- Multimedia.
- Database.

PRELIMINARY COURSES FOR MASTER AND PHD

- Machine vision and image processing.
- Data communication and networks.
- Pattern Recognition.
- Advanced operating systems.
- Computer architecture.
- Artificial intelligent.
- Multimedia and telecommunication.
- Knowledge discovery
- Speech recognition

EMPLOYMENT RECORD

Job	Period
Demonstrator in Information Technology Department Faculty of Computers and Information, Menofia University.	From 1/3/ 2006 To 22/3 2009
Assistant lecturer in Information technology department Faculty of Computers and Information, Menofia University.	From 1/4/ 2009 To 1/1/2012.
Tutor at Universiti Teknologi Petronas.	From 1/1/2012 To 17/02/2015
Lecturer at Information Technology Department, Faculty of Computers and Information, Menofia University.	From 26/5/2015 To 27/10/2017
Manger of Public Service Center of Faculty of Computers and Information, Menofia University.	From 28/10/2017 To 27/10/2019
Lecturer at Information Technology Department, Faculty of Computers and Information, Menofia University.	From 28/10/2019 Till Now

TEACHING EXPERIENCE

- Pattern Recognition 1 and 2
- Digital Image Processing 1, 2
- Database
- Computer Vision
- Fundamental programming language
- Structure programming and database
- Numerical methods for engineers
- Statistical methods
- Probability and statistics
- Multimedia
- Operating System
- Neural Network and Deep Learning
- Software Engineering 1 and 2

CERTIFICATION

- ICDL
- ICDL Tester
- Oracle Administration
- CTP (EGT C16 0229)
- اعداد قادة بمعهد اعداد القادة بجلوان

WORKSHOPS

- IEEE Signal Processing Society Malaysia and the Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM), 3rd symposium on Image Processing, Image Analysis and Real-Time Imaging (IPIARTI), Malaysia, 2012.
- Annual workshop on writing journal paper, Universiti Teknologi Petronas (UTP), Malaysia, 2012.

JOURNALS

- Mohiy M. Hadhoud, Kamel A. Mostafa and Sameh Z. Shenoda “Digital Images Inpainting Using Modified Convolution Based Method” Proceeding of international journal of signal processing, image processing and pattern recognition, Vol. 1, No. 1, pp. 1- 10, 2008.
- Mohiy M. Hadhoud, Kamel A. Mostafa and Sameh Z. Shenoda, “Fast Texture Synthesis And Image Completion Method ”, International Journal of Computers and Information, faculty of Computers and Information, Menoufiya University, Vol. 1, No. 2, December 2008.
- S. Zarif, I. Faye, D. Rohaya, "A Comparative Study of Video Inpainting Techniques" The Australian Journal of Intelligent Information Processing Systems, Vol. 14, No. 1, PP. 33-38, 2014.
- S. Zarif, I. Faye, D. Rohaya, “Image Completion: Survey and Comparative Study“, International Journal of Pattern Recognition and Artificial Intelligent, Vol. 29, No. 3, 2015.
- S. Zarif, I. Faye, D. Rohaya, “Image Completion Based on Statistical Texture Analysis“, Journal of Electronic Imaging, Vol. 24, No. 1, 013032, 2015.
- S. Zarif, I. Faye, D. Rohaya, “Video Completion Based on Gray Level Co-occurrence Matrix and Object Update”, International Arab Journal of Information Technology. Vol. 13, No. 6A, 2016.
- Wael E. Fathy, A. Ghoniem, S. Zarif, A. Youssif, “Benchmarking of Pre-Processing Methods Employed in Facial Image Analysis” Journal of Image and Graphics, Vol.. 6, no. 1, 2018.
- S. Zarif, M. Ibrahim, “Video Inpainting: A Complete Framework” International Journal of Image and Graphics, Vol. 21, 2021.
- George Fahim, Khalid Amin, Sameh Zarif, “Single-View 3D Reconstruction: A Survey of Deep Learning Methods” Computers & Graphics, Vol. 94, PP. 164-190, 2021

CONFERENCES

- S. Zarif, I. Faye, D. Rohaya, "Fast and efficient multichannel image completion using local similarity." In IEEE 21st International Conference on Pattern Recognition (ICPR), pp. 3116-3119, 2012.
- S. Zarif, I. Faye, D. Rohaya, "Static object removal from video scene using local similarity" In IEEE 9th International Colloquium on Signal Processing and its Applications (CSPA), pp. 54-57, 2013.
- S. Zarif, I. Faye, D. Rohaya, "A Comparative Study of Different Image Completion Techniques" In IEEE International Conference on Computer & Information Sciences, pp. 1-6, 2014.
- S. Zarif, I. Faye, D. Rohaya, "Video Completion Method for Static Object Removal Based on GLCM" IEEE 11th Inter. Colloquium on Signal Processing and its Applications (CSPA), pp. 57-62, 2015.
- A. Youssif, S. Zarif, A. Ghoniem, "Single Image Superresolution: A Comparative Study" International Conference on Signal and Image Processing, pp. 139– 147, 2017.

BOOK CHAPTER

- Book Title "Advances in Visual Informatics"
- S. Zarif, I. Faye, and D. Rohaya "Fast and Efficient Video Completion Using Object Prior Position" Lecture Note Computer Science (LNCS 8237) Springer, pp. 241-252, 2013 **gold best paper awarded.**

AWARDS

- Bronze Medal in 33th Science & Engineering Design Exhibition (SEDEX 33), Malaysia.
- Silver Medal in 24th International Invention, Innovation & Technology Exhibition (ITEX 2013), Malaysia.
- Gold Medal in 25th International Invention, Innovation & Technology Exhibition (ITEX 2014), Malaysia.
- Silver Medal in 63rd International Exhibition of Invention, Research and New Technologies (Brussels Innova 2014), Belgian.

PATENT AND COPYRIGHTS

- "Method of image completion without extensive searching process" MY-158454-A, 2016.
- PI 2012701050.

REVIEWER

- IEEE Transactions on Image Processing.
- International Journal of Computers and Information

ORGANIZATION COMMITTEE

- 3rd Workshop of Current Major Research Directions.

FUNDED PROJECTS

- A Robust Facial image enhancement software for Real-World Applications (**ASRT Initiatives 2015**)