

Ali Mohamed Nabil Allam

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Biographical Data

- ▶ Current Occupation: Lecturer at the Arab Academy for Science, Technology and Maritime Transport, College of Management & Technology, Business Information Systems Department (Cairo – Heliopolis Campus).
- ▶ Date of Birth: May 13, 1982.
- ▶ Place of Birth: Texas, USA.
- ▶ Gender: Male.
- ▶ Nationality: Egyptian/American.
- ▶ Marital Status: Single.

Education

Ph.D. in Computer Science (September 2017)

- ▶ Obtained from Helwan University, Faculty of Computers and Information, Computer Science Department, Cairo, Egypt.
- ▶ Dissertation Title: “Automatic Detection of Landmarks and Abnormalities in Eye Fundus Images”.
- ▶ Grade Point Average (GPA) at qualifying courses: 3.08 – “Very Good”.

Master of Computer Science (May 2009)

- ▶ Obtained from the Arab Academy for Science, Technology and Maritime Transport (AASTMT), College of Computing and Information Technology, Computer Science Department.
- ▶ Grade Point Average (GPA): 3.96 – “Excellent”.
- ▶ Thesis Title: “Enhancing Web Information Retrieval Using Improved Ranking and a Parallel Corpus Technique”.
- ▶ Accredited by the Supreme Council of Egyptian Universities.

Bachelor of Computer Science (June 2003)

- ▶ Obtained from the Arab Academy for Science, Technology and Maritime Transport (AASTMT), College of Engineering & Technology, Computer Science Department.
- ▶ Grade Point Average (GPA): 3.99 – “Excellent with High Honor”.
- ▶ Top of classmates (Valedictorian).
- ▶ Granted a recognition award for my outstanding performance in education.

Work Experience

Full-time Assistant Lecturer (2009 – Present)

AASTMT-College of Management & Technology (Heliopolis Campus)

- ▶ Taught courses: “Introduction to Computer Programming” and “Applications in Computer Programming”, at the Business Information Systems (BIS) Department.
- ▶ Key member of several academic and administrative committees including, academic advising, scheduling, and exams control unit.
- ▶ Awarded a certificate of appreciation in recognition of my excellence in work.

Full-time Teaching Assistant (2005 – 2009)

AASTMT-College of Management & Technology (Heliopolis Campus)

- ▶ Taught courses: “Introduction to Information Technology”, “Management Information Systems”, “Databases”, “Introduction to Computer Programming” and “Applications in Computer Programming”, at the E-Commerce Department and at the Management Information Systems (MIS) Department.
- ▶ Coordinator and academic advisor of the E-Commerce Department.

Part-time Translation Quality Controller (March 2004 – August 2004)

Qatar International Trading (Doha, Qatar)

- ▶ Provided technical support and performed Arabic-to-English written translations.

Part-time Teaching Assistant (2003 – 2004)

AASTMT-College of Engineering & Technology (Qatar Campus)

- ▶ Taught the “Modeling & Simulation” course and co-supervised the graduation project of a team of senior students, at the Computer Science Department.

Certificates

- ▶ Certified from Elsevier as a reviewer for the “Pattern Recognition Journal”. Amsterdam, The Netherlands, November 2015.
- ▶ Successfully finished the Diploma of “E-learning Development”. E-Learning Competence Center (ELCC), Ministry of Communications & Information Technology, Egypt, March 2014.
- ▶ Participated in the workshop “Post-Disaster Damage, Loss and Needs Assessment”. The World Bank (USA), Cairo, April 2010.
- ▶ Completed the training course "Teaching using Technology - MOODLE". AASTMT, Cairo, December 2008.
- ▶ Completed the "Educational Preparation Course". AASTMT, Cairo, August 2005.
- ▶ Successfully passed the online exam "Introduction to Oracle 9i: SQL". July 2004.
- ▶ Completed the training course "A+ Hardware and Operating Systems". Doha, Qatar, January 2004.

Research Work

Scopus Author ID (56940202400)

Google Scholar Indices (Citations: 72; h-index: 4; i10-index: 1)

- ▶ A. Allam, A. Youssif, and A. Ghalwash, “Segmentation of Exudates via Color-based K-means Clustering and Statistical-based Thresholding”, *Journal of Computer Science, Science Publications*, vol. 13, no. 10, pp. 524-536, October 2017.
DOI: [10.3844/jcssp.2017.524.536](https://doi.org/10.3844/jcssp.2017.524.536)
- ▶ A. Allam, A. Youssif, and A. Ghalwash, “Optic Disc Segmentation by Weighting the Vessels Density within the Strongest Candidates”, in *Proceedings of the IEEE SAI Computing Conference 2016*, pp. 91-99, London, United Kingdom, July 2016.
DOI: [10.1109/SAI.2016.7555967](https://doi.org/10.1109/SAI.2016.7555967)
- ▶ A. Allam, A. Youssif, and A. Ghalwash, “Automatic Segmentation of Optic Disc in Eye Fundus Images: A Survey”, *Electronic Letters on Computer Vision and Image Analysis (ELCVIA)*, vol. 14, no. 1, pp. 1-20, Barcelona, Spain, September 2015.
DOI: [10.5565/rev/elcvia.680](https://doi.org/10.5565/rev/elcvia.680)
- ▶ A. Allam and M. Haggag, “The Question Answering Systems: A Survey”, *International Journal of Research and Reviews in Information Sciences (IJRRIS)*, vol. 2, no. 3, pp. 211-221, United Kingdom, September 2012, ISSN: 2046-6439.
- ▶ M. Sakre, M. Kouta, and A. Allam, “Weighting Query Terms using WordNet Ontology”, *International Journal of Computer Science and Network Security (IJCSNS)*, vol. 9, no. 4, pp. 349-358, Seoul, South Korea, April 2009, Accessible at:
http://paper.ijcsns.org/07_book/html/200904/200904047.html
- ▶ M. Sakre, M. Kouta, and A. Allam, “Automated Construction of Arabic-English Parallel Corpus”, *Journal of the Advances in Computer Science (ACS)*, vol. 3, Cairo, Egypt, 2009.

Skills & Test Scores

- ▶ **Software Development Tools:** Java, C++, Visual C++, Oracle, MS SQL Server, and MATLAB Image Processing.
- ▶ **Websites Design Tools:** Adobe Photoshop and Flash.
- ▶ **ICDL Scores** (June 2009):
 - Module (1): 94% Module (2): 94% Module (3): 94% Module (4): 100%
 - Module (5): 94% Module (6): 97% Module (7): 92%
- ▶ **GRE Scores** (May 2011):
 - Verbal Reasoning: 360 Quantitative Reasoning: 730 Analytical Writing: 3.0
- ▶ **Command of languages:**
 - Arabic: Native language.
 - IELTS Scores – Academic (October 2009):
Listening: 8.0 Reading: 6.5 Writing: 6.0 Speaking: 7.0 Overall Band: 7.0
 - TOEFL Scores – iBT (February 2012):
Listening: 20 Reading: 23 Writing: 27 Speaking: 24 Total: 94

Research & Technical Affiliations

- ▶ **Professional Member**, Institute of Electrical and Electronics Engineers (IEEE)
<http://iee-collabratec.ieee.org/app/p/AliAllam>
- ▶ **Professional Member**, Association for Computing Machinery (ACM)
<http://campus.acm.org/public/vcard/vcard.cfm?handle=aliallam>
- ▶ **Journal Reviewer**, Elsevier (Pattern Recognition Society)
<http://www.reviewerpage.com/Ali-Allam>

Community Service

- ▶ One of the founders and a key member of “Kolena Ensan” (We’re all human), a charity team working on the human development of children and youth at harsh living conditions.
- ▶ Volunteer and a member of the board of directors of “Elabrar Elseghar” Orphanage (www.darelabrar.org), since 2012.
- ▶ Participated in organizing several events for orphanages and undergraduate schools including trips, competitions, seminars, and job fairs.

References

- ▶ Prof. Tareq Abdeen, [thabdeen@gmail.com ; thabdeen@aast.edu]
Dean of the College of Management & Technology, AASTMT, Cairo, Heliopolis Campus.
- ▶ Prof. Mohamed Asaad Elnidani, [elnidani@gmail.com ; elnidani@link.net]
Dean of the College of Management & Technology, AASTMT, Cairo, Dokki Campus.
- ▶ Prof. Aliaa Youssif, [aliaay@yahoo.com]
Dean of the Faculty of Computers and Information, Helwan University, Cairo.
- ▶ Dr. Essam-Eldin Elfakharany, [elfakharany.1@gmail.com ; essam.elfakharany@aast.edu]
Head of the Computer Science Department, College of Computing & Information Technology, AASTMT, Cairo, Heliopolis Campus.
- ▶ Dr. Mohamed Aborizka, [m_rizka@yahoo.com ; m_rizka@aast.edu]
Dean of the College of Computing & Information Technology, and Director of the Center of Excellence, AASTMT, Cairo.

