

Ali Mohamed Nabil Allam

- ▶ E-mail: ali.allam@aast.edu; ali.allam@staff.aast.edu
- ▶ Personal Website: www.aliallam.net
- ▶ Mobile: (+2) 0122 770 6687
- ▶ Work Phone: (+202) 22 686 009
- ▶ Residence Address: House 147, Musa Bin-Nusair Street off Al-Shaimaa Street, 9th District, 1st Zone, Al-Shorook City, Cairo, Egypt.



Biography

- ▶ **Current Occupation:** Assistant Professor 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:** USA.
- ▶ **Gender:** Male.
- ▶ **Citizenship:** Egyptian/American.
- ▶ **Marital Status:** Single.

Education & Qualifications

Ph.D. in Computer Science (January 2018)

- ▶ Obtained from Helwan University, the Faculty of Computers and Information, Computer Science Department, Cairo, Egypt.
- ▶ Dissertation Title: “Automatic Detection of Landmarks and Abnormalities in Eye Fundus Images”.

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 Universities in Egypt.

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 Honors”.
- ▶ Valedictorian – top of classmates.
- ▶ Granted a recognition award for outstanding performance in education.

Work Experience

Assistant Professor (2018 – present)

AASTMT-College of Management & Technology (Heliopolis Campus)

- ▶ Taught courses: “Introduction to Programming”, “Web Programming”, “Advanced Programming”, “Computer Networks”, at the Business Information Systems Department.

Assistant Lecturer (2009 – 2017)

AASTMT-College of Management & Technology (Heliopolis Campus)

- ▶ Taught courses: “Introduction to Computer Programming”, “Applications in Computer Programming”, “Operating Systems” at the Business Information Systems 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.

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 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 & Training Courses

- ▶ Successfully completed and passed the Cisco training course and the online exam "IoT Fundamentals: Connecting Things". Cisco Networking Academy, National Telecommunications Institute, Cairo, September 2019.
- ▶ Successfully completed the Entrepreneurship Program “Startup Mentorship Boot-camp”. AASTMT, Cairo, November 2018.
- ▶ Certified from Elsevier as a reviewer for the “Pattern Recognition Journal”. Amsterdam, The Netherlands, since November 2015.
- ▶ Completed the training course “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.
- ▶ Participated in the "Educational Preparation Workshop". AASTMT, Cairo, August 2005.
- ▶ Successfully completed the training course "A+ Hardware and Operating Systems". CompTIA, Doha, Qatar, January 2004.

Research Profile

Scopus Author ID (56940202400)

Web of Science Researcher ID (GRX-6499-2022)

ORCID (0000-0002-6763-4652)

Google Scholar Indices (Citations: 285; h-index: 4; i10-index: 4)

- ▶ M. Elgendy, M. Aborizka, and A. Allam, "A Blockchain-based Model for Securing IoT Transactions in a Healthcare Environment", *International Journal of Advanced Computer Science and Applications (IJACSA)*, vol. 13, no. 9, pp. 67-75, September 2022. DOI: [10.14569/IJACSA.2022.0130908](https://doi.org/10.14569/IJACSA.2022.0130908)
- ▶ 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, no. 1, pp. 57-69, Cairo, Egypt, 2009. DOI: [10.21608/ASC.2009.158223](https://doi.org/10.21608/ASC.2009.158223)

Research & Professional Affiliations

- ▶ **Faculty Staff Member**, Arab Academy for Science, Technology and Maritime Transport http://www.aast.edu/cv.php?disp_unit=401&ser=49825
- ▶ **Professional Member**, Institute of Electrical and Electronics Engineers (IEEE) <https://iee-collabratec.ieee.org/app/p/AliAllam>
- ▶ **Professional Member**, Association for Computing Machinery (ACM) <https://services.acm.org/public/vcard/vcard.cfm?handle=aliallam>
- ▶ **Journal Reviewer**, Elsevier (Pattern Recognition Society) <http://www.reviewerpage.com/Ali-Allam>

Skills & Test Scores

▶ Software Development Tools

PHP, Java, C++, Python, MySQL Server, and MATLAB Image Processing.

▶ Websites Design Tools

HTML, CSS, and Adobe Photoshop.

▶ 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 speaker.
- **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

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 in harsh living conditions.
- ▶ Volunteer, business developer, and former vice president of “Elabrar Elseghar” Orphanage, since 2012.
- ▶ Participated in organizing several events for orphanages and undergraduate schools including trips, competitions, seminars, and job fairs.

References

- ▶ Dr. Tareq Abdeen, [thabdeen@aast.edu ; thabdeen@gmail.com]
Dean of the College of Management & Technology, AASTMT, Cairo, Heliopolis Campus.
- ▶ Dr. Nermeen Magdi, [nermeen.magdi@aast.edu ; nermeen.magdi@gmail.com]
Head of the Department of Business Information Systems, AASTMT, Cairo, Heliopolis Campus.
- ▶ Dr. Mohamed Asaad Elnidani, [elnidani@gmail.com]
Ex-Dean of the Graduate School of Business, AASTMT, Cairo, Smart Village Campus.
- ▶ Dr. Aliaa Youssif, [aliaay@aast.edu ; aliaay@yahoo.com]
Dean of the College of Computing & Information Technology, AASTMT, Cairo, Smart Village Campus.
- ▶ Dr. Mohamed Aborizka, [m_rizkaa@aast.edu]
Dean of the College of Computing & Information Technology, AASTMT, Cairo, Heliopolis Campus.