Ahmed M. Youssef
ASSISTANT PROFESSOR

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@DrAhmedYoussef

Activities and training profile

PROFILE SNAPSHOT

- Versatile, charismatic, computer science and instructional technology assistant professor highly regarded for a proven history of faculty collaboration and commitment to teaching.
- Adept in driving thought-provoking class debates to promote student engagement and learning.
- Leverages strong communication skills to foster meaningful and trusting relationships with students, colleagues, and administrators.
- Student-centric instructor, academic facilitator able to employ creative teaching approach, design powerful learning activities.
- Skilled in integrating relevant technology to support classroom or training activities.
- Motivational coach who champions students and adults' achievements while promoting safe positive learning environment
- Thrive in fast-paced, diverse, and research-oriented environments.
- Highly developed sense of creating positive educational environments for students; a quick learner with exposure to cross-cultural work environments.
- Proficient in planning and developing appropriate teaching programs to optimize the learning process while effectively addressing student needs.

CORE PROFICIENCIES

- Effective curriculum plan & development
- Instructional technology
- Educational quality assurance
- Gamification

- Impact evaluation
- Academic research
- Capacity building
- Adult learning
- Trainer & material developer

- Intellectual curiosity
- Challenging the status quo
- Conflict management
- Adaptable to challenges
- Team & relationship building

ACADEMIC CREDENTIAL

Academic Background

Degrees in Computer science specialization, Faculty of Computers & Artificial Intelligent (FCIHU), Helwan University, Egypt	
Doctorate degree Ph.D.	Thesis title: "Learning process enhancement using educational data mining and learning analytics" Sept. 2016
Master's degree M.Sc.	Thesis title: Adaptive hypermedia in web-based tutoring to meet different learning styles. Oct. 2010

Bachelor's degree B.Sc.	**Grade**: excellent with honor degree, **Rank**: 2.	
		May. 2003

Certificates[1]:

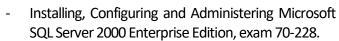|	
IBM Blockchain Developer Explorer Award IBM Blockchain Developer Mastery Award	
"Start you project" program at E-Learning Competence Center (ELCC), Ministry of Communications and Information Technology	
Successfully completed the Helwan University Career Development Center "Job Searching Skills" and "Self-Mamagment Skills"	
Successfully completed a training on TOT, for CDC by the World Learning as an activity of the Linking Education and Employment program (LEEP) funded by the US agency for international development.	
Successfully completed the TOT program, Masr Ta3mal initiative, a partnership between the ministry of youth and sports with MicroSoft egypt.	
Microsoft Certified Database Administrator, MCP Id 3814839: - Managing and Maintaining a Microsoft Windows Server 2003 Environment, Exam 70-290. - Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition, exam 70-229. - Installing, Configuring and Administering Microsoft SQL Server 2000 Enterprise Edition, exam 70-228. - Developing and Implementing Web Applications with Microsoft Visual Basic.NET or Microsoft C#.net	
CISCO networking Academy certified instructor ITEssential I: PC hardware and software.	
Information & Comunication Technology Project (ICTP) membe. Position: ICDL certified instructor, http://www.ictp.org.eg.	

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[1] MCP ID: 3814839

CAREER SUMMARY

University level managerial positions	
July 2020 -June 2021	**Director, Helwan University E-Leaning Center**
	Qualifying Helwan University's faculty members, leaders, teaching assistants and its students to apply hybrid learning at the beginning of the Corona pandemic through designing training material, distance training, field training, and preparing technical support teams for the university's faculties.
Sept 2016 - Jan 2020	**Vice Manager & Trainer**, **Career Development Center,** Helwan University
	Link Education and Employment Program, help students to fill the gap between academics and market by providing career consultation, personalized training, job fairs, volunteer work, job opportunities and youth ambassador events.
2020-2021	**Helwan University EgyptHub E-platform Coordinator** with the Ministry of Higher Education.

Full-time Assistant Professor	
2016 - Present	Faculty of Education, instructional technology department, **Helwan University**

Part-time Assistant Professor	
2024- Now	**Misr international University MIU.**
2024- Now	**Arab Open University**
2024- Now	**Arab academy for science, technology& maritime transport.**
2024- Now	**Humanities, Commerce and Business Administration, Helwan National University**
2023- Now	**CIC - Canadian International College, B-Tech department.**
2020- Now	**Faculty of Commerce and Business Administration, Helwan University**
	- **MBA -** Professional postgraduate program, (English & Arabic sections**),**
	- **BIS -** Business Information System Program,
	- **FMI -** Financial Markets & Institutions Program,
	- **Institute Of Hospital Management HU,** PhD in Hospital Management
	- **Statistics,** Mathematics & Insurance Department **(**English & Arabic sections**),**
2018-2019	**Faculty of Engineering**, **Ain Shams University**
2015- 2018	Faculty of Information Technology, **Misr University for Science and Technology**
2021-2023	**Modern Academy, Management Information Systems department**

Full-time Assistant lecturer/ Demonstrator	
2010- 2016	Assistant lecturer, Faculty of Education, instructional technology department, Helwan University
2005-2010	Demonstrator, Faculty of Education, instructional technology department, Helwan University

Part-time Technical Instructor	
2005-2007	CISCO networking academy, MCIT.
	Sphinx Institute for Computers Technology
	Computers and Information Technology Institute
	Top-IT Solutions

Faculty level managerial positions

Oct. 2016 to Oct. 2017   **Vice Manager**, IT-unit, Faculty of Education
                                          Coordinator, Management Information System, Faculty of Education

Memberships & Social Participation

- **Laboratories Inspection Committee Member**, Facuties of Education, FOEP project.
- **Charity and Social Solidarity Committee Member**, Faculty of Education
- **"Booster Program" Website Developer** for teachers' cadre, Professional Academy for Teachers (Ministry of education)
- **Software Designer and Developer**, Egyptian Armed Forces, using SQL Server 2000, ASP.net, VB v.6.0., UML, Oct. 2003 to Nov. 2004

Quality Assurance Unit Memberships and Activities

Quality Assurance Unit, Faculty of Education, Helwan University

- Former **Publication and Media Committee Coordinator**, Nov. 2013- May. 2015
- Former **Headquarter Affairs Committee** Member
- Former **Technical Support Committee Member**
- **Academic Schedule Committee Member**, instructional technology department, 2014-2017
- **Faculty of Education Official Website Admin**, Helwan University from Dec. 2013 - Jan. 2017
- **Trainer and Material Developer** for faculty professors and employees (technical and soft skills courses)
- **Web and Database Designer and Developer**
    - **Budget application** to participate in the quality and accreditation project, CIQAP
    - **Control application** to calculate grades and issue the post graduate studies certificates

Training Career Summary

- Training material developer,
- Hands-on labs, activities designer,
- Trainer for several training programs at:

- **ARADO A**rab **A**dministrative **D**evelopment **O**rganization **(Affiliated to Arab League)**.

- **F**aculty and **L**eadership **D**evelopment Center, **Cairo University**.
- **T**raining and **D**evelopment **C**enter, **Ain Shams University**.
- **F**aculty and **L**eadership **D**evelopment Center, **Helwan University**.
- **RakICT Egypt**
- **Q**uality **A**ssurance **U**nit, **Ain Shams University**
- **C**apacity **D**evelopment **C**enter, Nahda University, Beni-Suef
- **C**areer **D**evelopment **C**enter CDC, Helwan University
- **C**areer **D**evelopment **C**enter, faculty of Agriculture Ciro University
- **InfoGlobe** Information Technolog
- **Meem Devlopment**
- **CISCO networking academy** instructor for (IT-Essential I & II: PC hardware and software),
- Ministry of Communications and Information Technology, MCIT.
- **I**nternational **E**xpertise **A**ssociation (**INTEX-eg)**
- **Eltizam Consulting** and Training co.
- **O**fficers **T**raining **I**nstitute, **Egyptian Ministry of Interior Affairs**
- The **C**entral **A**dministration for the **P**reparation of **E**ducational **L**eaders' **C**enter, **Egyptian Ministry of Education**
- **Dar Al-Ifta Al-Missryyah E-learning Center**
- ***More than training programs, sessions, and workshops has been delivered***
    – *More details about training courses, click here* **or scan the QR code.**

Technical Speaker

Conferences, Workshops and Webinars

- Feb, 2024, development of عباقرة جامعة حلوان teams on internet searching skills using AI tools
- May 2023, **Applications of Artificial Intelligence in Teaching and Learning** Workshop - Childhood Academy for Training and Capacity Development - Arab Council for Childhood and Development.
- May, 2023, "**Techniques of managing research references electronically**" workshop Education Development Unit - Faculty of Nursing, Ain Shams University.
- March 2023, **Applications of Artificial Intelligence in Education** Workshop – Education Week, Bibliotheca Alexandrina.
- Mar. 2022, Presenting "**scientific manuscript formatting**" a workshop, 1th conference of youth researchers committee, Arish University.
- Jun. 2021, Presenting "**Instructional Technology Roadmap**" a workshop, 7th annual conference of integrative psychiatry, Title: "Educational and epidemiological psychology and its role within educational institutions in the time of the pandemic" in cooperation between Abu Al-Azaim Hospitals Group and Al-Mukhtar Language Schools
- Apr. 2021, "**Digital transformation in educational fields**", Mankala initiative, faculty of Arts, Helwan University
- Helwan University **Research Support Center** Workshops
    o **Mendeley Citation Manager & Academic Social Network** (500 attendees)

o **Scientific Manuscript Formatting** (500 attendees)
- Dec. 2020, "**Digital transformation physical education**", faculty of physical education for girls, Helwan University.
- 27th Feb 2020, "**Microsoft apps in education & electronic assessment**" a workshop,19th conference & 2nd international conference of the faculty of education Helwan University.
- 27th Sept 2019, Presenting "Internet of things applications in education" a workshop,13th international conference ICT-Learn2019.

TEACHING PREFERENCES

Teaching philosophy:

Since early beginning of my teaching career for post and undergraduate students, I believe that my job is not to indoctrinate the students, but to give them the opportunity to discover and employ their abilities by providing safe interactive environment for discussion and experimentation.

Published academic books

- Artificial Intelligence and Cybersecurity (2024).
- Introduction to Computer Programming using Python (2023).
- Software Packages in Mathematical Applications 1st (2023) and 2nd edition (2024).
- Digital Empowerment (Co-author -2024)

Delivered Courses:

Misr International University college of computer science	
- Business intelligence and analysis INF411 - Information Storage & Retrieval	- Data mining and Business intelligence INF331
Arab Open University faculty of computer studies	
- Web technologies- TT284	- Graduation Project Part 1 -TM471
Arab academy for science, technology & maritime transport Management and Technology College	
- Computer Applications in Business - ELC479E - Introduction to Programing (python) - BIS227E - Business information system - BIS1101	- New Trends in BIS - BIS426E - Web programming - BIS317E
Canadian International College CIC, Business technology school	
- Datamining - Graduation Project Part 2	- Artificial intelligent.
Faculty of Information Technology, Misr University	
- Structured Programming - Fundamentals of Information System	- Data Structures (C++, Java, C#) - Object-Oriented Programming
Faculty of Humanities, Commerce and Business Administration, Helwan National University.	

Business Informatics and Digital Transformation program BIDT.

- Data Structure BIS303

Business Intelligence and Analysis Systems program BIAS.

- Business information system BIS109.

Digital economics and entrepreneurship program DEE.

- Business database technology BIS202.

Faculty of Commerce and Business Administration, Helwan University.

Undergraduate

Business Information System (BIS)

- Introduction to computer science 1st BIS101
- Introduction to information system 1st BIS103
- Operating system Level1 I
- Graduation project 4th $^{(3, 2022, 4 2023)}$ BIS412
- Programing language II level III

FMI Financial Markets & Institutions Program

- Financial information system 4th
- Introduction to Computers and Information systems 1st

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Statistics, Mathematics & Insurance Department.

- Statistical information systems 4th
- programing language & Statistical SW packages 4th

Post graduate

Professional postgraduate program, MBA (English & Arabic sections)

- E-commerce (Arabic & English section)
- HR- information system (Ar section)
- Business information system

Institute Of Hospital Management HU

- Remote Communication Systems and Methods - PhD in Hospital Management
- Image processing systems and technology – PhD in Health information system

Modern Academy, Management Information Systems department

- Networking and information security 4th year information systems dept.
- Introduction to computers 1st year (business administration dept.)
- Marketing and e-commerce (4th year business, 3rd year IS, 3rd year accounting) dept.

Faculty of Engineering, Ain Shams University

- Humanities
- Presentation skills
- Self-management
- Time management
- Team building

Faculty of Education, Helwan University, Instructional Technology Department

- Artificial intelligence and cybersecurity – post graduate diploma
- Introduction to programming 3rd & 2nd
- E-Learning (diploma)
- Software packages 4th
- Information Systems and Databases for the Professional Diploma in Education Technology
- Graduation Project 4th
- Introduction to computer science and operating systems 1st
- Education design 2nd

- Production of teaching aids using computer 4th
- Authoring Systems and Programming Languages Professional Diploma in Computer Teacher
- Automated production of educational materials 4th
- Digital processing of images and graphics
- Using a computer in word processing and tables 1st
- Computer applications for people with special needs
- Computer Maintenance and Information Security (Professional Diploma, Computer Teacher Preparation)

INFORMATION TECHNOLOGY & TECHNICAL SKILLS

Programming Language	Python, C#.net, ASP.Net, VB.net, C++, C, MATLAB, Visual Prolog, JAVA, SQL, MySql
Data science	Knowledge Analysis, Datamining, Machine learning tools: WEKA, Python, Kaggle
Statistics	Statistical computing & graphics support: R, IBM SPSS Modeler
Front End	JavaScript, HTML, CSS
Back-End & DBMS	MS SQL Server, MySql, MS Access, ADO.net, SAP crystal reports
Application Server	Amazon Web Services AWS
Development IDE	Visual studio code, Eclipse, SQL Developer, Markdown editor
Analysis and Design	UML, Microsoft Visio, IBM Rational Rose, Visme, Draw.io. SAP Power Designer Data Architect, Concept Draw Mind map
Operating System	Microsoft Windows, Microsoft Windows Servers
Project Management	Microsoft Project, Trello
Scientific Research	Thomson Endnote, Mendeley reference management system
Microsoft Office 365	Power BI, Sway, OneNote, Teams, Forms, Kaizala, Word, Excel, PowerPoint, Access
Multimedia	Audio/Video editing apps
Graphics	Adobe Photoshop, Google SketchUp, GIF Animation
E-Learning	Design basics, authoring tools, standards
LMS	Moodle, Edmodo, Schoology, MS Teams & Google Apps for Education
Authoring tools	Articulate storyline, Adobe Captivate, Course Lab
Assessment	Google & Microsoft quiz, Hot potatoes
Questionnaire	Google/MS forms, SurveyMonkey, Kahoot, Proofs
Collaboration	Trello, Canvas
Video Presentation	YouTube studio, Camtasia

INTERNATIONAL PARTICIPATIONS & SCIENTIFIC MISSIONS

- Member of the **Erasmus +** Partnership School-University for Peer Communities of Learners project[2] Co-funded by Erasmus+ and the European Union: "Partnership between the university and the school to build societies of peer learners"[3]

School Visits and Coaching Event

School of Education, University Leicester, UK, 10th -11th October – 2017.

- "English schools' system and university relationships with schools" training.
- "English approaches to school-led professional learning" training

Beaumont Leys School visit

Faculty of Education & Humanities, University Northampton, UK 12th-13th October 2017.

- Active Blended Learning for creating communities of practice at the University of Northampton, Peer Mentoring in Schools" training

DELAPRE primary school visit, Northampton, UK.

Kingsthorpe college visit, Northampton, UK

School of Education, University Limerick, Ireland, 16th-18th October 2017

- "Introduction to the Irish Education System" training
- "Introduction to Teacher Education at University Limerick" training.
- "Internationalization at the University of Limerick" training
- "Professional Learning Communities" training
- "STEM" training
- "Professional Learning Development" training

Milford National School Visit, Limerick, Ireland

Needs assessment, coaching, PLC, and quality assurance workshop, Erasmus+ SUP4 PCL project April 5, 6 2017

Developing the distance teaching aspect of the master's program, International Education Management (INEM) between Ludwigsburg University in Germany and Helwan University, 2017

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[2] Project ID: 573660-Epp-1-2016-t-EG-EPPKA2-CBHE-tp
[3] With participation of universities (Leicester and Northampton, United Kingdom – Limerick, Ireland - Martin Luther, Germany - Helwan, Alexandria, Ain Shams, and the American University in Cairo).

Selected Training

- From 31 nov. 2023, **ITIL Training**, RakICT Egypt, intercontinental cityStars for [boc.oil.gov.iq](boc.oil.gov.iq)
- From 30 to 31 august, **international funded projects**, Faculty and Leadership Development Center, Helwan University.
- From 10 to 11 June 2020, **Academic writing and publishing**, The Deanship of Scientific Research, **king Khaled university**.
- From 24th to 28th Mar 2019, **IBM Blockchain Developer** training, ITI smart village.
- Feb. 13 to 23 "**Start you project**" program at E-Learning Competence Center (ELCC), Ministry of Communications and Information Technology.
- July 19 to 26, 2016 successfully completed the Helwan University Career Development Center "**Self-Management Skills**".
- July 18 to 21, 2016 successfully completed the Helwan University Career Development Center "**Job Searching Skills**".
- From June 14 to July 28, 2016: successfully completed all the requirement of the career development center **TOT program** delivered at Helwan University. and World Learning, an activity of the Linking Education and Employment Program (LEEP) funded by the US agency for international development.
- August 1 to 7, 2015 successfully completed a "TOT program", Masr Ta3mal initiative, a partnership between the ministry of youth and sports in cooperation with Microsoft Egypt.
- June 15, 2015 MobileMonday, **mobile gaming and virtual reality** event held by The Technology Innovation and Entrepreneurship Center (TIEC).
- Jul 1 to 5, 2012: attending the "**Fundamental entrepreneurial concepts for startup ventures**" training, entrepreneurship, and innovation program EIP delivered at The *AUC school of business* in cooperation with *Intel*:

  - Marketing.
  - Business management Essentials.
  - Marketing Research.
  - National Innovation Systems and Policies in Developing countries.
  - Turning an idea into a profitable finished product.
  - Business planning.
  - Business model.
  - Strategy for start-ups.
  - Leadership challenges.
  - Sources of Finance.
  - Intro. To Accounting.
  - Budgeting for Start Ups.

- Jan. 2007 to Feb. 2008: MCIT Professional Training Program- Database Application Development and Administration at Al-Ahram Management and Computer Center (AMAC):

  - Database, networking, System analysis, OOP concepts.
  - SQL server admin, programming.
  - Win 2003 server administration.
  - ASP, C#, VB, ADO.net.
  - Soft skills: (communication, presentation, basic sales & marketing skills, problem solving & decision making, and customer services)

- Jan. 2007: **CISCO networking academy**, instructors training program at E-Learning Competence Center (**ELCC**), MCIT, Smart Village.
- July 2002: Faculty of computers and information Ain-Shams University (Java Training Course).
- Sept. 2002: Faculty of computers and information (Microsoft dot Net university program organized by Microsoft Egypt).
- *For more training and courses, kindly request or click here.*

Conferences, Events, And Workshops:

- "**Introduction to gamification**" Workshop 14th of Jan., 2017 Almaqarr Working space.
- The **international educator forum in Egypt**, Edu forum, 25-26 Nov. 2016, intercontinental hotel Cairo.
- "**Business Model Design and Start-up Building Workshop**" by Sean Griffin, Kristen Bergman, Darren Fuqua. Monday 25th Jun 2012, 10 am – 6 pm delivered at the American University in Cairo, New Cairo Campus.
- "**1st International Conference on Innovation and Entrepreneurship**" from **22-24 Apr 2012** at Technology Innovation and Entrepreneurship Center TIEC premises, Smart Village.
- Microsoft Windows 8 Development Anchor Camp, Cairo, 20-21 Mar 2012, Smart Village Convention Center.
- Microsoft ME Developers' Conference 2007.
- Oracle Day 2011, **Fairmont Towers,** Heliopolis, Cairo, **Egypt,** 19 Oct. 2011.
- SECC-SPIN Event-Test Automation March 19th, 2012.

LANGUAGES:

Arabic: Mother tongue
English: Very good.
French: Fair.

PERSONAL INFORMATION

Gender:	Male.
Date of birth:	April 25th, 1982.
Place of birth:	Egypt.
Nationality:	Egyptian.
Marital status:	Married.
Military Service:	Completed.

REFERENCES

References and certificates are available upon your request.