

Ahmed M. Youssef

ASSISTANT PROFESSOR

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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

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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

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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.

[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	**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, - **Statistics,** Mathematics & Insurance Department **(**English & Arabic sections**)**,
2021-2023	**Modern Academy, Management Information Systems department**
Part-time Technical Instructor	
2005-2007	CISCO networking academy, MCIT. Sphinx Institute for Computers Technology Computers and Information Technology Institute Top-IT Solutions Microsoft C#.Net, SQL, C++, and some academic courses
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**, Faculties 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 details about training courses upon request*

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
  - **Mendeley Citation Manager & Academic Social Network** (500 attendees)
  - **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.

Delivered Courses:

- Computer Applications in Business
- Programing with python
- Datamining
- Structured Programming
- Fundamentals of Information System
- New Trends in BIS
- Web programming
- Artificial intelligent.
- Data Structures (C++, Java, C#)
- Object-Oriented Programming

- Business information system
- Business database technology
  - Introduction to computer science 1st
  - Introduction to information system 1st
  - Graduation project 4th (3, 2022, 4 2023)
  - Financial information system 4th
  - Statistical information systems 4th
  - programing language & Statistical SW packages 4th
  - Introduction to information system 1st
  - Financial information system 4th
  - E-commerce (Arabic & English section)
  - HR- information system (Ar section)
  - Remote Communication Systems and Methods
  - Business information system
- 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.
  - Humanities
  - Presentation skills
  - Self-management
  - Time management
  - Team building
- Introduction to computer science and operating systems 1st
- Introduction to programming 3rd & 2nd
- Software packages 4th
- Education design 2nd
- Information Systems and Databases for the Professional Diploma in Education Technology
- Graduation Project 4th
- Production of teaching aids using computer 4th
- Authoring Systems and Programming Languages Professional Diploma in Computer Teacher
- Automated production of educational materials 4th
- E-Learning (diploma)
- 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

[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).

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.