

Muhammad Deabas

Department of Economics, American University of Kuwait (AUK), Kuwait

EDUCATION

Ph.D. Candidate (ABD)

M.A., Economics 2022

Department of Economics, York University, Canada

M.Sc., Management (strategic management) 2021

Smith School of Business, Queen's University, Canada

M.Sc., Computer Engineering 2008

Faculty of Engineering & Petroleum, Kuwait University, Kuwait

B.Sc., Computer Engineering 2004

Faculty of Engineering, Jordan University for Science & Technology, Jordan

GRADUATE-LEVEL COURSES

Applied Microeconomics, Applied Macroeconomics, Advanced Monetary Economics, Financial Economics, Financial Econometrics, Applied Econometrics, Econometrics Theory I & II

DIPLOMAS AND CERTIFICATIONS

CFA Level I (Candidate)

CFA Investment Foundation Certificate 2022

Diploma in Operational Research, Canadian Operational Research Society (CORS) 2020

Teaching & Learning in Higher Education, Queen's University, Canada 2020

Certificate in University Teaching, University of Missouri – Saint Louis 2017

Corporate Finance and Financial Accounting I & II, Wharton School (Coursera) 2015

Decision Quality in Organizations, Stanford University 2015

Converting Strategy into Actions, Stanford University 2010

AWARDS AND GRANTS

CFA Access Scholarship 2022

Graduate Fellowship, Faculty of Graduate Studies, York University, Canada 2021 – 2022

Smith School of Business award, Queen's University, Canada 2018 – 2021

Queen's Graduate Award, School of Graduate Studies, Queen's University, Canada 2018 – 2021

Experience based funding, Smith School of Business, Queen's University, Canada 2019 – 2021

D.I. McLeod Fellowship, Smith School of Business, Queen's University, Canada 2018 – 2019

Graduate conference award, Kuwait University, Kuwait 2006

ACADEMIC AND PEDAGOGICAL DEVELOPMENT

CapSim Business Simulation, Smith School of Business, Queen's University 2019

Ethical Research for Research Involving Humans, Queen's University 2019

Blended Learning Using Flipped-Classroom Strategy, Pearson Higher Education	2017
Learning Catalytic: Best Practices, Pearson Higher Education	2016
Listening and Note-Taking for Academic Studies, Cambridge University	2012

EXTRACURRICULAR ACTIVITIES

People Analytics, Wharton School (Coursera)	2022
Cybersecurity Awareness, Queen's University, Canada	2019
Doing Business in China, School of International Studies, Sun Yat-sen University, China	2013
Time Management, GUST	2010
CompTIA Network+, GUST	2010
Modern Telecoms Explained, Zain Telecommunication, Kuwait	2008
Oracle 9i Database Administrator, Oracle University, Jordan	2002

TEACHING EXPERIENCE

Gulf University for Science & Technology (GUST), Kuwait	2004 – 2017
<i>Senior Lecturer, Computer Science & Mathematics</i>	2009 – 2017
<ul style="list-style-type: none"> Taught 2,000+ students majored in business, economics, computer science, and management information systems, and achieved Taught the following courses: computer networking and communications, database management systems, software engineering, introduction to Internet programming, applications development for beginners, computers and information systems, and college algebra 	

<i>Teaching Assistant, Computer Science & MIS</i>	2004 – 2009
Tutoring the following courses: object-oriented programming with C++/Java, data structure, database management systems, operating systems, computer networking, and software engineering.	

ACADEMIC SERVICE

Department of Economics, American University of Kuwait (AUK), Kuwait	2023 – present
<i>Visiting Instructor of Economics</i>	
<ul style="list-style-type: none"> Teaching courses in quantitative and data analytics, and principles of economics (microeconomics and macroeconomics) Member of the Assessment and Accreditation Committee Member of the Strategic Planning Committee 	
Department of Economics, York University, Canada	2021 – 2022
<i>Graduate teaching assistant, mathematical economics courses</i>	
<i>Startup Mentor, Engineering Entrepreneurship Program, Lassonde School of Engineering</i>	
Smith School of Business, Queen's University, Canada	2018 – 2021
<i>Graduate teaching assistant for global strategy and introduction to management courses</i>	
<i>Graduate research assistant for research project on the behavioural strategy of racially diverse teams</i>	
Gulf University for Science & Technology (GUST), Kuwait	2004 – 2017
<i>Member of the following committees:</i>	
<ul style="list-style-type: none"> International accreditation committee (2014 – 2017) Strategic planning committee (2014 – 2017) Recruitment committee (2011 – 2017) 	

- Program review and assessment committee (2011 – 2013)
- Curriculum and assessment committee (2010 – 2013)
- Community outreach committee (2009 – 2010)

Organizer and ad-hoc reviewer

- International Conference on Technology, Communication, and Education, Gulf University for Science & Technology Kuwait (2009)

Coordinator of E-Learning Digital Transformation, E-Learning Center of Excellence (ECE) 2005 – 2017

- Reported to the senior management about the return on e-learning investments, achieving >95% of e-learning adoption in curriculum in 5 years window
- Liaised with local and regional software and hardware vendors and ensured that the percentage of annual budget spent on the e-learning transformation are met
- Liaised with our IT department and external technology partners and established three-tier technology infrastructure, achieving ~99.5% availability and reliability
- Led the software integration project of Pearson MyLab platform with GUST's e-learning management system, improving the lifetime value and productivity of the faculty and students by 85%
- Collaborated with Pearson Higher Education on deploying the Learning Catalytics platform, raising the student retention in the math and science program to 96%
- Collaborated with international e-learning course providers on establishing talent development portal including 320+ courses and business simulation
- Led multi-functional teams on developing 4 in-house e-learning courses that are compliant with SCORM standards
- Gathered and identified 54+ user requirements by conducting regular meetings with the faculty, students, and academic administrators
- Drafted quarterly forecast reports determining adoption-level vs. goal forecasts

GMAT Instructor, Professional Advanced for Continuing Education 2013 – 2017

Taught the GMAT quantitative section for 200+ MBA students; Outstanding teaching evaluation: 99%

E-Learning Consultant, Project Management Office, Ministry of Education, Kuwait 2008

Participated in analyzing planning and implementing the e-learning infrastructure for 120+ public schools, serving 120,000+ students in all stages

RESEARCH IN DEVELOPMENT

1. "Competitive Dynamics in Global Cities: A Cultural Institutional Perspective"
Unique longitudinal dataset of 520+ publicly traded companies based in U.S., Japan, and Thailand collected from S&P Compustat and 30,000+ market-level competitive actions collected from RavenPack Analytics. Drafting manuscript. Target: Academy of Management Journal in Fall 2022
2. "Competitive Aggressiveness: A Multi-Theoretical Review and Future Research Agenda"
Drafting manuscript. Target: Journal of Management Studies in Fall 2022
3. "Clustering Accuracy Analysis of K-Means and K-Means++ Algorithms" (using Python Sci-kit learn)
Evaluating the clustering accuracy of K-Means and K-Means++ algorithms on 23 benchmark datasets using the SSE measurement, Elbow method, and Silhouette analysis
4. "A Novel Self-Learning Differential Evolution Algorithm" (using C++)
5. "Multi-Objective Differential Evolution for Task Assignment Problem in Distributed Systems", (C++)

CONFERENCE PRESENTATION

1. Deabas M., Strategic Alliances and Category Emergence: The Case of Cryptocurrency Market. Nov. 2020, Third Toronto FinTech Conference, Ivey School of Business, Western University, Canada.
2. AlFadaghi S., Deabas M., Systemic Approach for Personal Information Privacy Assessment, Nov. 2006, Information Privacy: Key Issues and Best Practices Proceeding, Graduate School of Information, Yonsei University, South Korea.

TECHNICAL SKILLS

- Developing econometrics models: regression (linear/probit), time series analysis, multilevel mixed-effects models, structural equation modeling, causality inference analysis (difference-in-difference)
- Coding machine learning models (reinforcement/supervised/unsupervised) using Python (Scikit-learn)
- Coding using Python (Pandas/NumPy/SciPy/Matplotlib), R, Stata, C++, Java, and HTML/CSS
- Hands-on experience with structured (Oracle and MySQL) and unstructured (NoSQL) databases
- Hands-on experience with learning management systems: Pearson MyLab, Moodle, and McGraw Hill ALEKS
- Practical knowledge in cloud applications, big data and textual analytics, data integration (real-time/batch ETL), and visualization using KNIME and NVivo
- Practical knowledge in Scrum agile methodology and software development life cycle (SDLC)
- Practical knowledge in business analysis using IIBA Competency Model including eliciting and collaborating with stakeholders, managing requirements life cycle, business strategy planning, and capability building

REFERENCES

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