Amr Mohamed

Personal Information

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Research Interests

Applied Statistics, Machine Learning, Data Mining, Data Analysis, Biostatistics, Experimental Design and Finance.

Education

PhD. in Statistics (*In Progress - ABD***).**   **2019 - 2023**
    Department of Statistics, Western Michigan University (WMU), USA.
    GPA: 3.82

Certificate in Biostatistics (*In Progress***).**   **2021 - 2023**
    Department of Statistics, Western Michigan University (WMU), USA.

Master of Science in Statistics and Data Analysis (*with Merit***).**   **2014 - 2015**
    Department of Mathematical Science, University of Essex, UK.
    Thesis Title: Supervised Machine Learning Techniques and Their Applications.
    Supervisor: Dr. Alexei Vernitski

Bachelor in Business (*Honor Degree***).**   **2009 - 2013**
    Statistics Major, Benha University, Egypt.
    Overall Grade: Very Good with Honors.

Working Experience

Miami Regional University, FL, USA.   **Jan. 2022 - Now**
    Adjunct Assistant Professor in Statistics,
    School of General Studies and Professional Education
    Courses Taught and Graded:
        Application for Statistical Methods(MAC2205)   Spring 2022

Western Michigan University, MI, USA.   **Sep. 2019 - 2023**
    Instructor, Department of Statistics
    Courses Taught and Graded:
        Data Analysis for Biosciences (STAT 3660)   Fall 2020 - Spring 2021 - Fall 2021 - Spring 2022
        Business Statistics (STAT 2160)   Fall 2019 - Spring 2020

American University in Cairo (AUC), Egypt. (Part-Time) **Feb. 2019 - June 2019**

Graduate Teaching Assistant, Economics Department, School of Business

Courses Taught and Graded:

Mathematics for Economists (Econ 216) Spring 2019

Badr University in Cairo (BUC), Egypt. **Sep. 2018 - Sep. 2019**

Assistant Lecturer, Faculty of Business and Economics

Courses Taught and Graded:

Introduction to Statistics. Spring 2019

Quantitive Methods for Business . Spring 2019

Pure Mathematics. Fall 2018

Financial Mathematics. Fall 2018

Helwan University, Egypt. (Part-Time) **Oct. 2018 - Dec. 2018**

Assistant Lecturer, Business Information System Program (BIS).

Courses Taught and Graded:

Pure Mathematics — Operations Research. Fall 2018

National University of Singapore (NUS), Singapore. **Jan. 2017 - May 2018**

Graduate Teaching Assistant (GTA), Department of Statistics and Applied Probability

Courses Taught and Graded:

Business Analytics (DSC 2008). Winter 2017

Statistical Quality Control (STAT 3235). Fall 2017

British University in Egypt (BUE), Egypt. **Sep. 2016 - Dec. 2016**

Assistant Lecturer, Faculty of Business Administration.

Courses Taught and Graded:

Mathematics for Business. Fall 2016

Helwan University, Egypt. (Part-Time) **Sep. 2015 - Dec. 2016**

Assistant Lecturer, Faculty of Business Admin. and Foreign Trade.

Courses Taught and Graded:

Introduction to Pure Mathematics — Introduction to Descriptive Statistics. Fall 2015

Heliopolis University for Sustainable Development, Egypt. **Sep. 2015 - Sep. 2016**

Assistant Lecturer, Faculty of Business and Economics

Courses Taught and Graded:

Mathematics for Business — Introduction to Statistics — Econometrics. Fall 2015

Financial Mathematics — Applied Statistics — Operations Research. Winter 2016

Mathematics for Insurance. Spring 2016

Computer Skills

Statistical Packages: R, Python, SQL, SAS, Weka and SPSS.

Advanced Knowldge of office Package (Word, Excel, Access, Powerpoint and Outlook) and **LATEX**.

Publications

Mohamed, A. E. (2017). Comparative Study of Four Supervised Machine Learning Techniques for Classification. *International Journal of Applied Science and Technology*, 7 (2).

Languages

Arabic: Mother Tongue.
English: Fluent.