HARMONY LUCE

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Curriculum Vitae – August 2023

Education

Sep 2019 – Jun 2023	**PhD Statistics** Western Michigan University – Kalamazoo, Michigan
Dissertation	**Functional Generalized Linear Mixed Models (FGLMM)** An extension to Generalized Linear Mixed Models (GLMM) in Functional Data Analysis (FDA). Instead of scalar vectors, the fixed and random effects here can be smooth curves or functions.
Jan 2014 – Dec 2015	MS Statistics Western Michigan University – Kalamazoo, Michigan
May 2008 – Oct 2011	BS Mathematics w/ Specialization in Business Applications De La Salle University – Manila, Philippines

Teaching Experience

Starting Sep 2023	**Lecturer**, Department of Information, Risk, and Operations Management **The University of Texas at Austin** – Austin, Texas
STA 301	Introduction to Data Science An introduction to the principles and practice of data science for business applications. Instructor: Fall 2023
Sep 2019 – Jun 2023	**Teaching Assistant**, Department of Statistics Western Michigan University – Kalamazoo, Michigan
AY 2022 – 2023	**Department-Level Graduate Teaching Effectiveness Award**
STAT 3640	Foundations of Data Analysis A course in theory and applied statistics for students with Calculus background. Instructor: Spring 2023, Grader: Fall 2022
STAT 2600	Data Analysis Using R Demonstrates the usage of the programming language R in performing statistical computations and graphical procedures. Instructor: Fall 2022
STAT 1600	Discovery with Data Introduces students to quantitative concepts and calculations needed to explore the wider world. Instructor: Spring 2022, Fall 2021, Spring 2021, Fall 2020, Spring 2020, Fall 2019
Jan 2014 – Dec 2015	**Teaching Assistant**, Department of Statistics Western Michigan University – Kalamazoo, Michigan
STAT 2160	Business Statistics An applications-oriented study of statistical concepts and techniques. Instructor: Fall 2015, Spring 2015, Fall 2014
Jan 2012 – Nov 2013	**Academic Consultant for Mathematics** MSA Academic Advancement Institute – Muntinlupa, Philippines Contributed Content for learning materials for publication, which is sold in the company's branches and franchises as well as bookstores nationwide.

Other Experience

May 2022 – Aug 2022   **Research Assistant**, Department of Statistics
Western Michigan University – Kalamazoo, Michigan

Sep 2016 – Jul 2019   **Business Analyst**
Sykes Asia, Inc. – Makati, Philippines
Performed data analysis for various lines of business that mainly focus on productivity metrics and collaborated with reporting and quality teams to perform root cause analysis to achieve a deep dive comparison of agent activity between vendors.

Project   **Throughput Improvement**
Implemented process improvement solutions as a project for the Six Sigma Green Belt certification where the goal was to increase the account's throughput metric, given by the quotient of completed volumes of ethernet circuits and the difference between the received and cancelled volumes.

Professional Development

Dec 2018   Data Storytelling for Business
DataSeer – Makati, Philippines

May 2018   **Certified Lean Six Sigma Green Belt**
Ateneo De Manila Graduate School of Business – Makati, Philippines