

MARVIN JAY H. QUIAPO

University Instructor

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📍 Goa, Camarines Sur



OBJECTIVE

Promote interdisciplinary studies through mathematics, leading to data-driven decisions and cost-efficient policies, by immersing into research and by conducting extension services to cater societal needs.

WORK SUMMARY (ACADEME)

Instructor (Mathematics)

Partido State University

11/2023 – Present

- Teaching Load (Second Semester AY 2023-2024)
 - Numerical Analysis
 - Mathematical Modeling
 - Differential Calculus
 - Fundamentals of Computing

Science Research Specialist I

AMDABiDSS in Health, UP Mindanao

09/2021 – 10/2021

- Conducted parameter estimation by fitting COVID transmission models in MatLab, using DOH data.
- Mentored 3 PSHS interns by immersing them to epidemiological research process.
- Collaborated with disease modeling experts in implementing Optimal Control Theory in COVID research.

EDUCATION

MS, Applied Mathematics (on thesis)

University of the Philippines

Diliman, Quezon City, MNL

2019 – Present

- On going research on epidemiological modeling
- Scholar, DOST-ASTHRDP
- Awardee, IMU GRAID

BS, Mathematics

Cebu Technological University

Cebu City, CEB

2013 – 2017

- Cum Laude
- Scholar, DOST-SEI

RESEARCH INTERESTS

- Mathematical Biology
- Linear Algebra

CAREER SUMMARY (CORPORATE)

About 3 years of data analytics experience in retail, and in contact center industries dealing with varied data, leveraging predictive analysis and data visualization to unveil key insights for business growth.

Reports Analyst

04/2023 – 10/2023

Optum Global Solutions, Inc.

03/2022 – 09/2022

- Developed a Consolidated Performance Management Report and Dashboard (via Excel, Macros) for a LOB which automated the creation and sending of the needed reports, with \$12K annual soft savings.
- Collaborated with Deputy Managers, Business Leaders/Directors for the replication of the project to 3 more LOBs across the Clinical Span, with total soft savings of \$37K per annum.
- Assisted 3 reports analysts in developing dashboard projects for their assigned LOBs.
- Communicated with managers, directors, business leaders for ad hoc reports.
- Worked with operations team with regards to possible reports automation, reducing processing time.

Data Analyst

Islands Souvenirs, Inc.

09/2018 – 08/2019

- Taught Basic Excel to Sales Department and Intermediate Excel functions to co-employees in Supply Chain Department, alleviating manual report processes.
- Initiated reports to analyze ticket size and sales per square foot per store.
- Maintained sales performance dashboard for the Executives.

MIS Reports Analyst

Forward BPO

04/2018 – 08/2018

- Kept track with Agent Performances, Conversions and Sales data using Excel and G-sheet.

Merchandise Planner

Metro Retail Stores Group, Inc.

05/2017 – 02/2018

- Monitored product inventory, sales, GMROI and provides ad hoc and regular reports (in Excel and/or PPT) to Directors.
- Mine sales data using SQL for time series analysis and forecasting.

SKILLS

Familiar with:

C++ MatLab Power BI

Python SQL Tableau

Proficient with:

Excel G-sheet