

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 HISTORY

11/2023 – Present

Partido State University, Goa, Camarines Sur
Instructor I, Department of Computational Science

- Teaching Load (Second Semester AY 2023-2024)
 - Numerical Analysis (33 students)
 - Mathematical Modeling (62 students)
 - Differential Calculus (72 students)
 - Fundamentals of Computing (49 students)
- Facilitates varied teaching-learning delivery modalities
- Develops outcomes-based syllabi adopting appropriate traditional instruction and integrating digital and technological advancements to adapt to the evolving educational landscape
- Monitors, assesses, and evaluates students' progress
- Undertakes activities to improve KPIs
- Engages in extension services
- Supervises students on their theses

04/2023 – 10/2023

Optum Global Solutions, Makati City, Metro Manila
Report Analyst, Optum Health & Connect

- Maintains Agents' and Businesses' Performance Dashboard
- Updates and uploads Quarterly Variable Compensation of employees
- Tracks Early Warning Sign Report
- Tracks Daily Scorecard per Line Of Business for the executives
- Compiles and uploads End Of Month Transaction Report for non-voice businesses
- Maintains Net Promoter Score (NPS) Dashboard
- Works with India Analyst Team for reports automation and development

03/2022 – 09/2022

Optum Global Solutions, Cebu City, Cebu
Report Analyst, Clinical Reporting Team

- Developed a 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

	<ul style="list-style-type: none"> • 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.
09/2021 – 10/2021	<p>University of the Philippines, Davao City, Davao Science Research Specialist I, AMDABiDSS-Health</p> <ul style="list-style-type: none"> • Maintains Agents' And Businesses' Performance Dashboard • Updates And Uploads Quarterly Variable Compensation Of Employees • Tracks Early Warning Sign Report • Tracks Daily Scorecard Per Line Of Business For The Executives • Compiles And Uploads End Of Month Transaction Report For Non-Voice Businesses • Maintains Net Promoter Score (Nps) Dashboard • Works With India Analyst Team For Reports Automation And Development
09/2018 – 08/2019	<p>Islands Souvenirs Inc., Cebu City, Cebu Data Analyst, Business Intelligence Department</p> <ul style="list-style-type: none"> • Maintains Agents' And Businesses' Performance Dashboard • 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.
04/2018 – 08/2018	<p>FWD BPO, Mandaue City, Cebu Reports Analyst, Workforce & MIS Department</p> <ul style="list-style-type: none"> • Kept track with Agent Performances, Conversions and Sales data using Excel and G-sheet.
05/2017 – 02/2018	<p>Metro Retail Stores Group Inc., Mandaue City, Merchandise Planner</p> <ul style="list-style-type: none"> • 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

EDUCATION	08/2019 – Present	University of the Philippines, Diliman, Quezon City MS Applied Mathematics Track: Mathematics in Life and Physical Science Ongoing research on epidemiological modeling Supervisors: Dr. Victoria May P. Mendoza Dr. Aurelio A. de los Reyes V University Scholar, First Semester AY 2020-2021 Awardee, IMU-GRAID Scholar, DOST-ASTHRDP
	06/2013 – 11/2017	Cebu Technological University, Cebu City, Cebu BS Mathematics With Certificate in Professional Education Graduated Cum Laude Scholar, DOST-SEI
SERVICE ELIGIBILITY	05/2017	Eligible, Civil Service - Professional Score: 81.1
PRESENTATION	11/2023	Resource Speaker "Soil-Transmitted Helminths (STHs) Through the Lens of Mathematics," Partido State University Bandilyo Project
PROFESSIONAL TRAINING (with certification)	01/2024	International Workshop on Mathematical Biology Philippine Society For Mathematical Biology Boracay, Philippines
	01/2023	Tech Trends: Artificial Intelligence Analytics Association of the Philippines and Department of Information and Communications Technology Webinar
	01/2023	Analyze Data To Answer Questions Google and Department of Information and Communications Technology Online Certification
	01/2023	Process Data From Dirty to Clean Google and Department of Information and Communications Technology Online Certification

	01/2023	Prepare Data For Exploration Google and Department of Information and Communications Technology Online Certification
	01/2023	Ask Questions To Make Data-Driven Decisions Google and Department of Information and Communications Technology Online Certification
	01/2023	Foundations: Data, Data, Everywhere Google and Department of Information and Communications Technology Online Certification
	10/2020	22 nd Samahang Pisika ng Visayas at Mindanao National Physics Conference: Convirtualisation Samahang Pisika ng Visayas at Mindanao Virtual Conference
OTHER WEBINARS ATTENDED	06/2021	International Workshop on Mathematical Biology University of the Philippines Mindanao Virtual Workshop
	05/2021	2021 Mathematical Society of the Philippines Annual Convention University of the Philippines Los Banos Virtual Conference
	02/2021	Challenges and Opportunities From COVID-19 for Global Sustainable Development Indian Institute of Public Gandhinagar Virtual Conference
	12/2020	COVID-19 Pandemic Modeling Far Eastern University Webinar
	10/2020	Battling Emerging and Re-emerging Epidemics and Designing Mitigating Strategies: COVID-19 Webinar Series Intercollegiate Biomathematics and University of Wisconsin - Whitewater Webinar
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SKILLS	Familiar with:	
	<u>C++</u> <u>MatLab</u> <u>Power BI</u>	
	<u>Python</u> <u>SQL</u> <u>Tableau</u>	
	Proficient with:	
	<u>Excel</u> <u>G-sheet</u>	