Trixia P. Gonzales

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SUMMARY

A graduate from the Visayas State University with a strong interest in using Statistics to generate valuable insights from data which can assist in making informed decisions. She possesses a strong passion for learning and is deeply committed to pursuing a career in research, driven by a desire to contribute to the advancement of knowledge.

WORK EXPERIENCE

Science Research Assistant (Contractual)   *Oct 2024 – Dec 2024*

Visayas State University (Main Campus) - Department of Statistics

Research Project Title: *Mining the VSU College Admission Test Data*

- Determined the socio-economic, high-school credentials, and admission test scores profile of VSU-CAT takers by descriptive analysis and data visualization.
- Evaluated the psychometric properties of the VSU-CAT.
- Tested if the psychometric properties are robust and invariant with respect to the socio-economic and academic background of the test takers.

EDUCATION

Bachelor of Science in Statistics | **Cum Laude**   *2020-2024*

Visayas State University (Main Campus) |Visca, Baybay City, Leyte

Cumulative GPA: 1.489/1.000

- Special Problem: "*Modeling the Egg Production of Lohmann LSL-Classic Layer Chickens*

INTERNSHIP

Philippine Statistics Authority- Leyte   *Jul 2023- Aug 2023*

Abucay, Tacloban City

- Consolidated data for the Provincial Product Accounts (PPA) compilation and Philippine Statistics Authority-Local Government Unit Data Sharing (PLDS) project.
- Encoded the responses from the different surveys conducted by PSA using CSEntry.
- Updated the salary payroll of statistical researchers.

AWARDS

- **Best Presenter for Special Problem defense**   *Apr 2024*
  Department of Statistics | Visayas State University

PROFESSIONAL DEVELOPMENT

- **Business Data Visualization Using R Shiny**   *Nov 2024*
  Visayas State University - Department of Statistics
- **Bootstrapping For Missing Data and Generating Synthetic Data in R**   *Nov 2024*
  Visayas State University - Department of Statistics
- **Diploma In SQL: Beginner to Advanced Levels**   *Jul 2024*
  Athena Global Education

- **Introduction to Tableau**   *Jul 2024*
  Simplilearn
- **Python and Statistics for Financial Analysis**   *Jul 2024*
  Coursera

EXTRACURRICULAR ACTIVITIES

- **Secretary**   *Aug 2023 – May 2024*
  VSU Statistical Society | Visayas State University
  Visca, Baybay City, Leyte

- **Freelance Statistician**   *Apr 2023 – Dec 2024*
  Visayas State University | Visca, Baybay City, Leyte
  - Helped on the study design, data cleaning, data analysis, and interpretation and discussion of the results of the data analysis of the clients' research/theses.

RESEARCH EXPERIENCE

Conducted mini research as required by the curriculum of our degree program.

- **Survival Analysis of Pediatric Patients with Hematologic Disease**
- **Evaluating Academic Stress and the Body Mass Index (BMI) of Bachelor of Science in Statistics (BSS) Students at the Visayas State University**
- **Evaluating Study Habits and Academic Performance of Bachelor of Science in Statistics (BSS) Students at the Visayas State University in an Online Mode of Study**
- **Exploratory Data Analysis of Philippine Programme for International Student Assessment (PISA) 2018 Dataset**

SKILLS

Technical Skills: R |Stata | Python | SQL | Tableau | Excel | Data Cleaning | Data Visualization | Data Management | Data Analysis | Forecasting / Prediction | Modeling |
Soft Skills: Problem-solving | Analytical | Attention to Detail | Time Management | Collaboration |

REFERENCES

- Dr. Norberto E. Milla Jr., PhD
  Associate Professor IV | VSU, Department of Statistics | bertmilla@vsu.edu.ph

- Paulo G. Batidor, MSc
  Instructor | VSU, Department of Statistics | paulo.batidor@vsu.edu.ph