

JULIAN MATHEW M. GUINTU

jmm.guintu@gmail.com

Angeles City, Pampanga

+63 (968) 580-0787

[LinkedIn](#) | [GitHub](#)



SUMMARY

Fourth-year Computer Science student at Holy Angel University with a passion in programming and testing. Aspiring Manual and Automation QA Tester with a sharp eye for software quality and usability. I specialize in identifying defects that may impact user experience and ensuring alignment with quality standards such as ISO/IEC 25000. I've developed sample test cases and bug reports, and I'm continuously advancing my QA skills to contribute effectively to real-world projects.

EDUCATION

Holy Angel University
Bachelor of Science in Computer Science
Awards: Dean's Lister

Angeles City, Pampanga
Expected Graduation: April 2026

Holy Angel University
Senior High School (STEM)
Awards: Graduated with Honors

Angeles City, Pampanga
2022

NOTABLE PROJECTS ACCOMPLISHED

Bala: A 2D Bullet Heaven Game Engine

2025

Project Manager

- Managed the development of **Bala**, a custom 2D bullet heaven game engine featuring **procedural generation**, **collision detection**, and **AI enemy behavior**.
- Oversaw progress through an **Agile Kanban workflow** and led the documentation and task assignments for the team.

Bala Website

2025

Frontend Developer

- Developed the frontend website using **ReactJS**, **Vite**, and **TailwindCSS**.
- Integrated an installer, video demonstration, and user manual of the game engine.

Inventory App React

2025

Automation Engineer/Tester

- Automated the **CI/CD workflow** of the development using **GitHub Actions**.
- Implemented end-to-end testing with **Playwright** for web application validation.

Computer Performance Prediction

2025

Frontend Developer/Machine Learning Engineer

- Trained a predictive model in **Python** to estimate computer performance from hardware specifications.
- Visualized results using **Linear Regression**, **Scatter Plots**, **Histograms**, and **Heatmaps**.

Flu Simulation Model

2024

Machine Learning Engineer

- Developed a **machine learning** model in **Python** using **Scikit-learn** library to predict the likelihood of flu infection based on attributes such as season, recent coughing, and contact with sick individuals.
- Utilized the **XGBoost** algorithm for training and deployed the model using a **Flask API** integrated into a web interface built with **HTML5**, **CSS3**, and **Javascript**.

CERTIFICATIONS & TRAININGS

Data Analytics Essentials Cisco	2025
AWS Academy Graduate - AWS Academy Cloud Foundations Amazon Web Services Training and Certification	2025
Foundations of User Experience (UX) Design Google	2024
Cyber Threat Management Cisco	2024
CCNA: Introduction to Networks Cisco	2024
Cybersecurity Essentials Cisco	2024

SKILLS

Technical (IT) Skills & Tools:

- **Languages:** Python, Java, HTML5, CSS3, Javascript
- **Frameworks & Library:** React, TailwindCSS, Vite, Scikit-learn, Playwright, Selenium
- **Database & Cloud:** MySQL, AWS
- **Tools:** Visual Studio Code, Git, GitHub, Figma, Canva

Soft Skills:

- Communication
- Teamwork
- Problem-Solving
- Time Management
- Willingness to Learn
- Adaptability

PROFESSIONAL REFERENCES

Mr. Chris Almocera

Practicum Coordinator, CS-WebDev
Holy Angel University
+63 (969) 576-3960
calmocera@hau.edu.ph

Dr. Raquel B. Rivera

Research Adviser
Holy Angel University
+63 (917) 654-1873
rbrivera@hau.edu.ph