

# Kianna Alexandra L. Gragg

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## PROJECTS

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### ChatDPA: AI Chatbot for Del Pilar Academy *Project Developer*

Ermita, Manila

Mar 2025 – Apr 2025

- Designed a conversational AI chatbot tailored for Del Pilar Academy's SHS program using **Google AI Studio**, focused on accurate academic information delivery and institutional branding.

### TUP Parkwise: QR Code-Based Campus Parking Management System *Team Member*

Ermita, Manila

Sep 2024 – May 2025

- Contributed to the development of a web-based campus parking system with **QR code** verification
- Built real-time dashboards and slot availability tracking for security personnel using **Node.js**, **MySQL**, and **QR scanning**, improving campus mobility and reducing manual logbook errors.

### FitCheck: Real-time University Uniform Compliance Detection using YOLOv8 *Team Lead*

Ermita, Manila

Sep 2024 – Jan 2025

- Led end-to-end development of a real-time detection system using **Python**, **OpenCV**, and **Flask**, enabling webcam-based live inference for automated compliance checks.
- Applied data augmentation and early stopping in GPU-accelerated training on **Google Colab**, achieving a mAP50 of 0.906 and reducing overfitting.

## EDUCATION

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### Technological University of the Philippines – Manila *Bachelor of Science in Computer Science*

Ermita, Manila

Expected Graduation, July 2026

- **Related Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Data Analytics, Statistics and Probability, Artificial Intelligence
- **DOST-SEI Merit Scholar**

## LEADERSHIP AND INVOLVEMENT

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### Google Developer Groups on Campus TUP – Manila *Junior Project Manager*

Ermita, Manila

Aug 2025 - Current

- Coordinates with the COO to plan and oversee GDGoC events, creating project timelines aligned with the organization's goals, budget, and schedule.

### TUP – Manila College of Science Student Council *Documentation Committee Member*

Ermita, Manila

Sep 2024 – Jul 2025

- Handled documentation for college events including photography and video recording.

### TUPM – DOST Scholar's Club *Member*

Ermita, Manila

Sep 2022 - Current

- Participated in peer mentoring sessions, and leadership development seminars focused on science advocacy, education, and youth empowerment initiatives.

## SKILLS AND CERTIFICATIONS

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**Technical:** HTML/CSS, JavaScript, Python, Firebase, Flutter, React, React Native, Node.js, PostgreSQL

**Tools:** VS Code, Figma, Google Workspace, Canva, Microsoft Office, Google Colab, Google AI Studio, Github

**Soft Skills:** Attention to detail, Team collaboration, Time management, Creativity, Communication

**Certification:** Python is Easy | PIRPLE (Issued August 2025)

*Credential ID: itn2fhwat*