

# Paul Josef P. Agbuya

4th Year, BSCS-ST

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🐙 <https://github.com/pjagbua>

🌐 [LinkedIn Profile](#)

🌐 [e-portfolio-two-blond.vercel.app](#)

Passionate graduating programmer that started with Visual Basic Studio 2010 games and C++ procedural programming since. Proficient in group plans, commitment to contracts, and high autonomy tasks. Most adept in back-end development and problem solving.

## Technical Skills

- PL : C++, C, C#, Kotlin, Java, Javascript, GoLang, HTTP, CSS, Python3, LaTeX, NASM x86-64, MySQL
- Framework and Tools: Reactjs, OpenCV, Scikit-Learn, Android Studio, OWASP Threat Dragon, RapidMiner Studio
- Design and Creativity: Figma, Adobe Photoshop
- Interests: Supervised Machine Learning, Data Science, Back-End Tools.

## Educational History

### College

- BS in Computer Science - Major in Software Technology (Present)
- CGPA: 3.75 | Consistent Dean's Lister | DOST Scholar | Brother Andrew's Science Foundation Scholar
- Graduation Expected: September 2026
- Taft Avenue, Manila

## Projects

- **Website room reservation** made with React framework and typescript.
  - Features include user activity logger, filtering, admin and user, CRUDs
  - Supabase as database
  - Verification and 2FA.
- **"Pamahiin" Horror Game made with Godot Engine**
  - 2D RPG Horror Game
  - Text Box base story
- **Android Fridge Inventory Development with Kotlin**
  - QR scanning features to calculate price and calories.
  - Firebase as storage of images and data.
- **HyperParameter Tuning with Supervised Machine Learning**
- **Simple local client chat rooms with java and jfx.**
  - Simulated only though the same machine and running multiple instances.
  - Socket programming scoped only to client and known open ports.
- **Basic Operating System Emulator with C++.** With simple CPU scheduling and process generation
  - Synchronization with C++ using mutex and Marquee consoles
- **Pure C Programming Checkers with CLI**
  - Purely made of ASCII logic and 3D arrays
- **Data Analysis notebook on Kaggle Wine Quality**
  - Primary Component Analyses and Kmeans clustering
- **Java and Javafx Vending machine with GUI**
  - Vending Machine CRUD with payment

## Leadership Experiences

### Peer Tutor Society

- Member, tutors for courses ranging from all math course to a couple CS oriented courses
- VP for Externals - responsible in maintaining organization communication and members within the Externals Department
- Attentively tracking progress certain signatures, professor communications, and all PTS member's responsibilities on respective organization to organization's contractually obligated tasks.

## Certifications

- Br. Andrew Science Foundation Scholarship (2023-Present)
- DOST Merit Scholar 2022
- Consistent Dean's Lister in DLSU
- Top 250, Blue Ocean Competition - Entrepreneurship (2022)
- High Honors Graduate, City of Mandaluyong Science High School (2022)
- Top 10 Individual Regionals Metrobank MTAP (2019)
- 2nd Place Regional Science and Technology Fair (2019) in Robotics
- Hackercup Participant (2023)
- Top 5 Finalist, 2022 Concentrix MOVE Challenge Hackathon (2022)