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# Education

**Polytechnic University Of the Philippines – Taguig Campus** Taguig City, Philippines

Bachelor of Science in Information Technology

**Toboy National High School** Asingan, Pangasinan, Philippines

With High Honors 2023

# Leadership & Activities

**PUP-Taguig Computer Society** TaguigCity

**Co-Director for Academics** September 2024 – June 2025

* Led a tutorial event for freshmen and sophomores, simplifying complex concepts in their major subjects.
* Organized a coding competition with problems focused on data structures and algorithms, managed forced team formations, and designed a fair scoring system.

**PUP-Taguig Computer Society** TaguigCity

**Academics Committee** December 2023 – July 2024

* Facilitated a tutoring program for freshmen and sophomores, making complex major subjects more accessible and easier to grasp.

**Projects**

**SwiftStock**

* Developed a Flask web app for real-time stock price analysis, integrating Alpaca.markets API and SQLite.

**Flexfile**

* Built an advanced file management system, including a GUI, file compression, and deletion modules.

**BookADoc**

* Developed a COBOL-based file handling system, implementing structured error handling and optimized data storage.

**TripCo**

* Prototyped a web-based commuting analyzer, optimizing travel routes based on transportation modes.

**CWTS Inventory Management System**

* Developed a GUI based Inventory Management System using C++.

**Skills & Interests**

**Technical Skills:** C, C++, Python, Java, HTML, CSS, JavaScript

**Language:** Conversational English, Filipino

**Interests:** Hackathons, Coding Competitions