

# MARCO ALLEN GIANAN

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## EDUCATION

**Mapúa Malayan Colleges Laguna**  
**Bachelor of Science in Computer Science**

**Expected November 2025**

Relevant Courses:

- Data Structures and Algorithms
- Software Engineering
- Automata and Language Theory
- Data Analytics

## TECHNICAL SKILLS

**Languages:** Python, javascript, C#, SQL, HTML, CSS, Java

**Technologies:** .Net, Django, Flask, JQuery, Bootstrap, sqlite, mssql, git/github

## PROJECTS

### PREDICTING CA19-g LEVELS USING MACHINE LEARNING

**December 2024 - Present**

- A web application for visualizing and predicting CA19-g levels.
- CA19-g is a biomarker commonly used in cancer diagnosis, particularly for pancreatic cancer. The application utilizes ensemble learning for predictions.
- The frontend is built using HTML, CSS, Bootstrap, and JavaScript, while the backend is developed with Django and Django REST Framework. Plotly is used for data visualization.

### MMCL Online Bookshop System

**January - June 2024 - Present**

- The project is a web application designed for MMCL, allowing students to reserve items online at the Blue and Silver Bookshop.
- The application uses HTML, CSS, javascript and Bootstrap for the frontend, MS SQL for the database, and ASP.NET MVC for the backend. Chart.js is used for data visualization. Project management is handled through GitHub, and the application is hosted on Azure.

### Other Notable projects

- **Batuhan(2023)** - Locally hosted 2 player game Unity, C#
- **Attendace using face recognition(2023)** - An attendance system using face recognition with Python and CNNs to automatically detect individuals and record attendance.
- **Naruto fall** - A game written in Java where Naruto dodges falling Rasengan while collecting falling ramen.

## ACHIVEMENTS

### Awards

- Consistent Dean's lister (2023)
- Consistent Dean's lister (2022)

### Certifications

- CompTIA IT Fundamentals+