

## Allen Joseph Lozada

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### Education

**University of San Jose-Recoletos (USJ-R)**  
Bachelor of Science in Computer Engineering

Cebu City, PH  
May 2025

### Skills

**Programming:** C, C#, Python

**Databases:** SQL Server, MySQL, SQLite

**Frameworks:** .NET MAUI, ASP.NET Web API, Flask

**Technologies:** Git, GitHub, Docker, REST API

### Certifications

**Champion,** USJ-R Computer Engineering Department: Python Coding Division

November 2022

**Participant,** ICpEP R7: Python Programming Competition

December 2022

### Experience

**Arsene Software Solutions**

Software Developer Intern

Cebu City, PH  
February 2025 – May 2025

- Designed and implemented EBISX POS system using .NET MAUI, ASP.NET Web API, MySQL, and SQLite.
- Implemented offline-online data storage using SQLite (offline) and MySQL (online).
- Built POS features, including sales processing, inventory tracking, employee time tracking, and receipt generation.
- Containerized the app and API using Docker.

### Projects

**Vision-based Intelligent Fish Analysis: Research Project**

January 2025 – May 2025

- Collaborated on YOLOv8-based computer vision system for assessing fish freshness through eye and gill analysis.
- Developed a Python Flask web application to display freshness results, system errors, and live camera monitoring.

**WinWin Cinema: Desktop and API Development Final Project**

October 2023 – April 2025

- Built a movie ticketing application in .NET MAUI with seat selection, booking, and payment functionality.
- Initially implemented JSON local storage, later extended with ASP.NET Web API and SQL Server.
- Containerized the API using Docker.

**BeatSync: Mobile Development Final Project**

March 2024 – June 2024

- Developed a mobile music streaming app using .NET MAUI and JSON as local storage.
- Implemented authentication, playlist management, real-time music play, and admin features.

### Leadership

**USJ-R Computer Engineering Department**

External Affairs Officer, IntroEmbelympics

Cebu City, PH  
August 2024 – March 2025

- Organized outreach to 20 schools, securing participation from four institutions. Secured eight event sponsors.
- Supported event scheduling and logistics, contributing to smooth execution of departmental activities.

**USJ-R Engineering Mathematical Society**

President

Cebu City, PH  
August 2021 – May 2022

- Organized academic activities including bi-weekly tutorial sessions and a department math competition.
- Managed event registration and budgeting spreadsheets for the participation of 100+ members.