

# Rainier O. Toloza Jr.

rainierolaguertoloza@gmail.com | +639925846255 | City of San Fernando, Pampanga

rainiertoloza.pages.dev

## Profile

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I am someone who is passionate about learning and continuously improving my technical and professional skills. I have a strong foundation in programming and take pride in communicating confidently and professionally. My dedication to excellence has earned me consistent recognition as a President's and Dean's Lister. I strive to apply my knowledge and enthusiasm for technology to create meaningful and innovative solutions in the foreseeable future.

## Education

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<b>Bachelor of Science in Information Technology, Pampanga State University</b>	2022 – 2026 Bacolor, Pampanga
<b>Senior High School Graduate, Pampanga High School</b>	2020 – 2022 City of San Fernando, Pampanga
<b>Junior High School Graduate, Pampanga High School</b>	2016 – 2020 City of San Fernando, Pampanga

## Projects

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### **Alrism, A WEB-BASED DEEPFAKE DETECTION SYSTEM USING CONVOLUTIONAL NEURAL NETWORK (CNN)**

A Laravel-based web application for detecting AI-generated and manipulated images using client-side machine learning. It features a comprehensive admin dashboard, plagiarism detection, and Chrome extension integration.

### **Internship Time Tracker, Comprehensive time tracking system**

An intuitive time management system built for tracking internship hours and progress.

### **Sta. Monica Pawnshop Inc. Official Website, (Under-development)**

A modern, responsive corporate website showcasing services, branch locations, and company information. Built with SEO optimization and mobile-first design to enhance customer engagement and brand presence.

### **Voucher Generator and Management System, (Under-development)**

A robust system for generating, distributing, and managing promotional voucher codes. Features include bulk generation, usage tracking, expiration management, and comprehensive analytics dashboard for marketing campaigns.

## Skills

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### **Database Management**

Foundational experience in designing and managing relational databases using **MySQL** and **PostgreSQL**, with a focus on data integrity and query efficiency.

### **Software Development**

Solid grasp of object-oriented programming and data structures in **C++**, **Java**, and **Python**, with experience mapping complex data flows.

### **Information Security and Cybersecurity**

Knowledgeable in threat landscape analysis and defensive strategies. Familiar with identifying vulnerabilities, mitigating cyber attacks, and implementing security best practices.

### **Problem Solving**

Ability to analyze problems objectively and provide solutions.

### **Web Development**

Proficient in building responsive front-end applications using **HTML/CSS**, **PHP**, and **TypeScript**, leveraging modern frameworks like **Next.js**.

### **Cloud Fundamentals**

Understanding of core cloud architecture, including virtualization, hypervisor management, and the deployment of scalable cloud services.

### **Content Creation**

Creative experience in social media management, focusing on high-impact reels and video content. Responsible for filming and editing digital media to drive audience engagement and company visibility.

### **Work Ethic**

Dedicated with to finish a task with the integrity to finish it properly.

## Awards

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<b>2x President's Lister</b> , <i>College of Computing Studies</i> 3rd Year Student	01/12/2023
<b>President's Lister &amp; Dean's Lister</b> , <i>College of Computing Studies</i> 2nd Year Student	01/12/2022
<b>2x President's Lister</b> , <i>College of Computing Studies</i> 1st Year Student	01/12/2021

## Certificates

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**Cybersecurity Fundamentals  
(Palo Alto Networks)**

**Cloud Security Fundamentals  
(Palo Alto Networks)**

**Fundamentals of Cloud  
Security (Palo Alto Networks)**

**Cloud Computing  
Fundamentals (IBM SkillsBuild)**

- Introduction to Cloud Computing
- Understanding Cloud Computing Services
- Understanding Cloud Deployment Models
- Virtualization on the Cloud
- Developing and Deploying Software in the Cloud
- Introduction to Data Management and Security in the Cloud