

# NORIEL FERNANDO D. GECOLEA

# COMPUTER ENGINEER | SOFTWARE ENGINEER

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Motivated Computer Engineering student with hands-on experience in software engineering, specializing in problem-solving and solution design. Skilled in programming and passionate about using technology to solve real-world challenges, with a strong commitment to continuous learning and impactful innovation.

#### **EDUCATION**

# Lyceum of the Philippines University - Laguna

2020 - 2025

Km. 54 National Highway, Brgy Makiling, Calamba City, 4027 Laguna

Degree: Bachelor of Science in Computer Engineering

#### **Christian School International**

2010 - 2020

9 Jose R. Velasco Avenue (formerly Kanluran Road), College, Los Baños, Laguna, 4031 Laguna

- Senior High School (STEM)
- Junior High School
- Elementary

#### **ACHIEVEMENTS**

- 4th Year Representative (2024 2025), LYCEANS' COALITION OF COMPUTER ENGINEERS.
- 3rd Place (2024), College of Engineering and Computer Studies; Sumobot Competition.
- 1st Place (2024), Techbiz Competition.
- Participant (2024), National IT Skills Competition.

# PROFESSIONAL EXPERIENCE

## LSPU: Training Request Portal (Freelance)

2023

- A web-based platform that streamlines facility access requests for training sessions at LSPU Los Baños, enabling schools to submit, track, and manage bookings efficiently and transparently.
- Full Stack Web Developer
- Main Language used are HTML, CSS, JS, PHP and MYSQL

#### LSPU: Inventory Management System (Freelance)

2024

- An Inventory Management System that provides LSPU Sta. Cruz with an efficient internal tool to track inventory details, including product worth and acquisition type, without involving sales.
- · Full Stack Web Developer
- Main Language used are HTML, CSS, JS, PHP and MYSQL

## **Spam Detection System (Freelance)**

2023

- A Python-based Spam Detection System with a user-friendly HTML and CSS interface. The system leverages natural language processing and machine learning to accurately identify and filter spam messages.
- Frontend Developer
- Main Language used are HTML, CSS, JS, Python

#### PROGRAMMING LANGUAGES

HTML, CSS, Javascript React Firebase

Jquery Python My SQL

C++, C#, VB

### SKILLS

- Programming: Proficient in HTML, CSS, and Python.
- Office Software: Proficient in Microsoft Office Software.
- Data Science: Knowledgeable in Data Visualization, Data Structures, and Algorithms.
- Cybersecurity & Networking: Knowledgeable in Cybersecurity and Computer Networks.
- Technical Support: Skilled in Computer Troubleshooting and Technical Support.
- Communication: Strong verbal and written communication, confident and professional demeanor.
- Leadership & Collaboration: Team-oriented with proven leadership abilities and effective collaboration skills.
- Music Production: Experienced in Pro tools with expertise in producing, mixing, and mastering.

## **CERTIFICATIONS**

Introduction to Visual Basic Programming	July 5, 2023
Offered by: LearnQuest	
Foundation of Cybersecurity	July 31, 2024
Offered by: Google	
Foundation of Computer Science	July 28, 2023
Offered by: LearnQuest	
Introduction to Internet of Things and Embedded Systems	May 28, 2023
Offered by: University of California,Irvine	
Introduction to Technical Suppport	May 28,2023
Offered by: IBM	
Crash Course on Python	Jan 24, 2024
Offered by: Google	
Foundation of User Experience (UX) Design	April 10, 2024
Offered by: Google	
C++ Data Structures in the STL	Feb 28, 2024
Offered by: Coursera Project Network	
C# for .NET Developers	Feb 28,2024
Offered by: Board Infinity	
Technical Support Fundamentals	May 27, 2023
Offered by: Google	
Engineer Tayo Webinar	Nov 27, 2021
<ul> <li>Offered by: Lyceum of the Philippines University - Laguna</li> </ul>	
Networking Essentials	Mar 18, 2024
Offered by: Cisco	
Introduction to Packet Tracer	Dec 11, 2023
Offered by: Cisco	
National IT Skills Competition	April 12, 2024
Offered by: Integrated Society of Information Technology Enthusiast (iSITE) Inc.	
The Journey from Code to Carrer: Navigating Success in Computer Engineering	Feb 28,2024

# **CHARACTER REFERENCE**

Ptr. Edgardo D. Baldovino 09196115595

• Offered by: Lycean's Coalition of Computer Engineer's Webinar

WON Apasan Head Pastor

#### **Edmond Reforma**

09169466021

Fraud and Claims Operations Representative Loss and Recovery Operations Exceptions Wells Fargo LLC Philippines

I hereby declare that the information provided above is true and accurate to the best of my knowledge.

Noriel Fernando D. Gecolea February 24, 2025