



Cire Paul B. Cruz  
Santa Rosa City, Laguna

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## OBJECTIVES

To apply my dedication, strong work ethic, and collaborative skills in a dynamic role where I can communicate effectively, learn continuously, and contribute to impactful team success.

## EDUCATIONAL BACKGROUND

- Segundo Esguerra Memorial Elementary School – Pulilan, Bulacan, 2007 -2013
- Jose Rizal Memorial School – Calamba City, Laguna, 2013 -2014
- Saint Benilde International School Inc. – Calamba City, Laguna, 2014-2021

Our Lady of Fatima University – Laguna Campus  
Bachelor of Science in Computer Science  
2021 - 2025

## RELEVANT SKILLS

- Hardworking and Dedicated
- Continuous Learner
- Collaboration and Teamwork
- Effective Communication
- Visualization and Conceptualization
- Active Listening
- Initiative
- Problem solver
- Time Management
- Team Collaborative

## TECHNICAL SKILLS

- Languages:** Java, Python, HTML, C++/C, C#, PHP, Kotlin, SQL
- Frameworks:** Android Jetpack, Kotlin, Firebase, .NET Core / .NET, React Native
- UI Design:** Bootstrap (CSS), JavaScript, CSS, Jetpack Compose, XML
- Microcontroller:** Arduino Uno
- Developers Tools:** VS Code, Java NetBeans, Notepad ++, DOSBox, XAMPP, Android Studio, SQL Server Management Studio, Microsoft Visual Studio 2013 / 2022, Visual Basic
- Libraries:** MVVM, UI and Design, OpenCV, Android Platform APIs, MVC
- Version Control:** Git, Github
- Data Management:** MySQL, PostgreSQL, SQLite, T-SQL, Microsoft SQL Server, ETL, SSIS

## CERTIFICATION

Unlocked: Password @ Authentication  
Virtual webinar @ OLFU - Laguna  
May 2022

T.R.U.S.T "Tackling Risks and Understanding Security in AI Technology  
Virtual webinar @ OLFU - Laguna  
May 2023

The cutting edge: Trends Shaping the Future of Computing  
Sr3 Auditorium @ OLFU - Laguna  
May 2024

DICT-WD001 Principles of Web Development and Introduction to HTML  
CAST TLMS via Google  
May 2024

DICT-ICT018 Basic Level of Software Engineering  
CAST TLMS via Google  
May 2024

DICT-MAD006 Introduction to Android Studio Application Development  
CAST TLMS via Google  
May 2024

DICT-WD002 Using HTML and CSS to Design a Website  
CAST TLMS via Google  
May 2024

DICT-MAD007 Basic Building Blocks of the User Interface  
CAST TLMS via Google  
May 2024

DICT-MAD008 Android Fragments  
CAST TLMS via Google  
May 2024

DATABASE – DML Statements and SQL Server Administration  
Alison Empower Yourself via Google  
March 2025

SQL SERVER 2014: Security Fundamentals  
Alison Empower Yourself via Google  
March 2025

EU AI Act - Fundamentals of Laws on Artificial Intelligence  
Alison Empower Yourself via Google  
October 2025

Blockchain as a Service Using AWS  
Alison Empower Yourself via Google  
October 2025

Machine Learning in Python Environment  
Alison Empower Yourself via Google  
October 2025

SQL Server for Data Analysis  
Alison Empower Yourself via Google  
November 2025

Fundamental Data Analysis using Power BI  
Alison Empower Yourself via Google  
November 2025

Leveraging AI in Predictive Analytics, Automation, and Data Management  
Alison Empower Yourself via Google  
November 2025

# ACADEMIC EXPERIENCE

## 2nd Regional Research Conference – Laguna University

Theme: "Resilience Through Innovation: Navigating the Future in Education, Entrepreneurship, Engineering, and Digital Technology"

Certificate of Participation: Presenter

## Precision Wellness: Investigating the Impact of Data Analytics on Personalized Nutrition and Fitness Strategies

Designed and developed an offline application that leverages data analytics to create personalized nutrition and fitness strategies. The application processes user-specific data locally to generate tailored wellness plans, ensuring privacy and accessibility without requiring an internet connection.

### TOOLS/TECH USED:

- Kotlin
- Android Studio
- Room Persistent Database
- Jetpack Compose
- MVVM (Model-View-ViewModel)
- Figma
- SQLite

### HARDWARE USED:

- Laptop
- Cellphone (Android Only)

### PROJECT/ACTIVITY:

#### Offline Android Wellness App Development

Designed and developed an offline-first mobile application focused on personalized wellness, targeting nutrition tracking, fitness logging, and behavioral insights. The application allows users to monitor their wellness journey without needing continuous internet access by leveraging local data storage with SQLite. The project emphasized modular design, performance, and user experience, adhering to best practices in Android development.

### OVERALL CONTRIBUTION:

- Conceptualized and developed an offline Android application for personalized wellness, integrating data analytics into nutrition and fitness strategies.
- Designed and implemented the application architecture using the MVVM pattern to ensure scalability, maintainability, and clean separation of concerns.
- Developed a user-friendly interface using Jetpack Compose and Material Design principles for an intuitive and responsive user experience.
- Integrated Room Persistent Database backed by SQLite to enable efficient offline data storage, retrieval, and management.
- Created and managed structured data models to support seamless interaction with the SQLite database via Room.
- Conducted thorough testing to ensure application reliability and usability, continuously improving the app based on user feedback.

# INTERNSHIP EXPERIENCE

**Nexus Technologies Inc – Makati City, Philippines**  
*Role: APPS Section, Data Management Intern*  
*Address: 1010 Metropolitan Avenue, San Antonio, Makati City 1203*

Tools/Tech Used:

- SQL Server Management Studio (SSMS)
- SQL Server Configuration Manager
- SQL Server Integration Services (SSIS)
- Visual Studio 2022
- Microsoft Excel

Project/Activity:

SQL Server Management, Data Integration, and Querying Training

Assisted in managing and configuring SQL Server databases, including installation, indexing, performance tuning, and data querying. Participated in the design, development, and deployment of data integration solutions using SSIS (SQL Server Integration Services) within Visual Studio to efficiently move, transform, and analyze data across systems.

Overall Contribution:

- Supported the configuration and administration of SQL Server environments, ensuring optimal setup, secure access, and performance tuning.
- Learned and applied database best practices, including indexing, query optimization, execution planning, and structured SQL for reporting and analytics.
- Developed and optimized SQL queries to retrieve, validate, and manipulate data for business operations and project deliverables.
- Designed and implemented ETL workflows using SSIS in Visual Studio, including data extraction from various sources, transformation logic, and loading into target systems.
- Contributed to SSIS package development, testing, and deployment, helping streamline data migration and integration processes.
- Gained hands-on experience with enterprise-level data tools and actively participated in troubleshooting and resolving SQL and SSIS-related issues.

# WORK EXPERIENCE

**A media company based in America**  
*Role: Freelance Junior android developer*  
**July 2025 – Present**

Tools / Tech used:

- Kotlin
- Android Studio
- Jetpack Compose
- MVVM (Model-View-ViewModel)
- Gemini
- OpenAi
- Retrofit
- Okhttp
- Gson

Project/Activity:

Delivery App | Dating App


Overall contribution:

- Building and enhancing core features for the company’s delivery service app and dating app, focusing on clean UI, smooth navigation, and responsive layouts using Jetpack Compose.
- Implementing data handling, network communication, and real-time updates through MVVM, Retrofit, and OkHttp.
- Integrating AI-powered features via OpenAI and Gemini to support personalization, recommendation systems, and automated content generation.

# CHARACTER REFERENCE:

**ERICSON DILLA, MSCS @**  
BSCS Adviser, Department of Computer Studies at  
Our Lady of Fatima University – Laguna Campus.

**COPERNICUS PEPITO, MBA, MSCS**  
College Instructor, Department of Computer Studies at  
Our Lady of Fatima University – Valenzuela

  
**Eric Paul B. Cruz**  
Applicant

