# EDWARD MAGDARAOG

**INFORMATION TECHNOLOGY**

**Technological Institute of the Philippines (TIP) QC**

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# UX/UI Designer

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## CAREER OBJECTIVE

To establish a career in Information Technology where I can demonstrate the learning outcomes of the Information Technology program of the Technological Institute of the Philippines (TIP), a program accredited by the US-based outcomes-oriented ABET (Accreditation Board for Engineering and Technology), Computing Accreditation Commission. And to be able to apply my chosen field of expertise and further develop my skills as an Information Technology Enthusiast for the company that I will work with.

## ON-THE-JOB TRAINING/ PRACTICUM/ INTERNSHIP EXPERIENCE

- Android App Devt
  Trade Dynamics Consulting Int'l Inc.
  Unit 221-222 FRDC Bldg., 106 E. Rodriguez Jr.
  September 19, 2022 - December 20, 2022
  Trade Dynamics Consulting International Inc. is the most technologically advanced sales and trade marketing. training and management consulting firm focused on the consumer goods industry.

## DESIGN PROJECTS COMPLETED/ RESEARCHES

**Intern Project: Web Application Development (CakePHP3) and Android REST API application**
I have expertise in developing web applications using CakePHP3 and Android REST APIs with Kotlin. I developed a web app with CRUD functionality using CakePHP3 and Composer, ensuring smooth database connections and JSON integration for Android compatibility. The Android app, built in Android Studio, fetches data from the web app and implements CRUD operations using MVVM architecture. I demonstrate proficiency in GitFlow methodology for project management, utilizing Git for version control and debugging techniques for error analysis. Local unit testing and Git Action workflows are employed to enhance code quality, with the addition of a Discord notification system for real-time collaboration.

**Capstone Project: Mathuto: A Mobile Learning Application using Sorting Algorithm**
This project serves as an innovative educational tool designed exclusively for grade 6 students at Ampid 1 Elementary School. As both the back-end and front-end developer of this application, the primary objective is to provide students with a seamless and engaging platform for learning mathematics. The application boasts a comprehensive curriculum, meticulously crafted and approved by the school's dedicated math teacher. Within Mathuto, students gain access to a diverse range of learning elements, including topics, modules, and lessons enriched with text, images, sounds, videos, and interactive simulations. Each lesson is thoughtfully structured with clearly defined objectives to ensure a deep understanding of mathematical concepts. To reinforce learning, Mathuto incorporates quizzes that challenge students and help them consolidate their knowledge.

**School Project: Developing Bakery Locator Application**
The goal of this project is to develop a user-friendly mobile application that simplifies the process of finding bakery shops in and around Quezon City. This innovative app is designed to assist users in locating a variety of bakery shops based on their current location. Users can access a comprehensive list of nearby bakeries, complete with precise addresses and detailed route instructions. Our goal is to make it easier for users to satisfy their cravings for delicious baked goods by providing a convenient and efficient tool for bakery exploration.

## KNOWLEDGE, SKILLS AND ATTITUDE

I have acquired and can demonstrate the following student acquire outcomes (knowledge, skills, and attitudes) necessary to the practice of the computing profession:

- *Use modern techniques and tools of computing practice in complex activities.*
- *Understand professional, ethical, legal, security, and social issues and responsibilities relevant to professional computing.*

**Soft Skills**: Creativity, Attention to Details, Time Management and Active Listener
**Hard Skills**: UX/UI Designer, Front-End Developer (Mobile and Web)

## OTHER SKILLS

Have knowledge in:

- **Programming Languages**: Kotlin, JavaScript
- **Front-End Stack**: HTML, CSS,
- **Databases**: SQLite, MySQL and phpMyAdmin
- **Software**: Android Studio, VS Code, Photoshop, Figma
- **Microsoft Office**: Word, Excel, and PowerPoint
- **Project Management**: Git

## REFERENCES

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