

EDWARD ORTEGO MAGDARAOG

INFORMATION TECHNOLOGY

Technological Institute of the Philippines (TIP) QC

Portfolio: <https://edwardsx.github.io/masters-portfolio/>

Cellular No.: (0995) 725 5677



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.

EDUCATION

Technological Institute of the Philippines

SY: 2015 - 2023

Bachelors of Science in Information Technology

938 Aurora Blvd, Cubao, Quezon City, 1109 Metro Manila

Marikina High School

SY: 2009 – 2015

97 E Santos, St, Marikina, 1800 Metro Manila

Concepcion Elementary School

SY: 2004 – 2009

J. Molina St, Marikina, 1850 Metro Manila

ON-THE-JOB TRAINING /INTERNSHIP

Android App Development

Sept – Dec 2022

Trade Dynamics Consulting International Inc.

Unit 221-222 FRDC Bldg., 106 E. Rodriguez Jr.

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.

WORK EXPERIENCE

GIP

Aug – Dec 2024

Department of Labor and Employment (DOLE)

Marikina City Health Office

Shoe Ave, Marikina, 1800 Metro Manila

Graphics Designer

July 2020 – June 2022

Self-Employed

Remote

DESIGN PROJECTS COMPLETED/RESEARCHES

Intern Project: Web Application Development (CakePHP3)

Sept – Nov 2022

- **Technology Stack:** CakePHP3, VS Code, MySQL, phpMyAdmin.
- **Database:** Configured my IP address for a connection to the MySQL database via phpMyAdmin.
- **CakePHP Framework:** Utilized the cake bake function to generate models, templates, and controllers.
- **CRUD Functionality:** Implemented CRUD (Create, Read, Update, Delete) functionality.
- **JSON Integration:** Integrated JSON for data exchange and implemented array serialization for efficient data wrapping and JSON output generation.

Intern Project: Android REST API App

Oct – Dec 2022

- **Technology Stack:** Kotlin, Android Studio, GitHub, Postman.
- **Data Retrieval:** Implemented HttpURLConnection to fetch and parse data from the CakePHP web application.
- **CRUD Functionality:** Implemented robust CRUD operations for data management.
- **Architecture:** Utilized the Model-View-ViewModel (MVVM) architecture.
- **DataBinding:** To bind UI components in layouts to data sources.
- **ViewBinding and LiveData:** Facilitated real-time updates and dynamic UIs using ViewBinding and LiveData.
- **Git Commands:** Regularly used Git commands for committing and pushing to track changes.
- **Debugging and Error Tracking:** Implemented stack tracing for effective debugging and error analysis.
- **Discord Notifications:** Added a new workflow for Discord notifications via a webhook to receive unit test logs.

Capstone Project: Mathuto: A Mobile Learning App using Sorting Algorithm

Jan – July 2023

- **Role:** Front-End and Back-End Developer.
- **Target Audience:** Designed exclusively for Grade 6 students at Ampid 1 Elementary School.
- **Objective:** Provide a seamless and engaging platform for learning mathematics.
- **Learning Elements:** Lessons are enriched with text, images, sounds, videos, and interactive simulations.
- **Reinforcement:** Quizzes to challenge students and help consolidate their knowledge.

School Project: Bakery Locator Application

March – April 2019

- **Technology Stack:** Java, Android Studio.
- **Objective:** Develop a user-friendly mobile application for locating bakery shops in and around TIP Quezon City.
- **Functionality:** Helps users find nearby bakeries based on their current location and offers detailed route instructions for easy navigation.
- **Goal:** Simplify bakery exploration and make it more convenient for users to satisfy their cravings for delicious baked goods.

SKILLS/KNOWLEDGE

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

Soft Skills: Creativity, Attention to Details, Time Management, Active Listener and Collaboration

Hard Skills: Figma (Software), Prototyping, Wireframing, Responsive Design, Low Fidelity Prototyping, High Fidelity Prototyping, Mockups

CERTIFICATES/CONFERENCES/EVENTS

Google UX Design: Professional Certificate

Feb 16, 2025

- Foundations of User Experience (UX) Design
- Start the UX Design Process: Empathize, Define, and Ideate
- Build Wireframes and Low-Fidelity Prototypes
- Conduct UX Research and Test Early Concepts
- Create High-Fidelity Designs and Prototypes in Figma
- Build Dynamic User Interfaces (UI) for Websites
- Design a User Experience for Social Good and Prepare for Jobs

UX+ Conference 2024: Certificate of Attendance

Aug. 18, 2024

- Equipped Attendees with the skills to thrive in a rapidly evolving digital landscape.
- The event emphasized adaptability, innovation, and staying ahead of UX design trends.
- Sessions enhanced creativity, resilience, and problem solving, while exploring AI's role in optimizing workflows.
- Panels discussed navigating change, aligning teams, and mastering communication in UX.
- Industry leaders shared insights on leveraging new technologies and successful career navigation.

REFERENCES

Dr. Gerald T. Cayabyab
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