

EDWARD ORTEGO MAGDARAOG

INFORMATION TECHNOLOGY

Technological Institute of the Philippines (TIP)

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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 Development

Sept 2022 – Dec 2022

Trade Dynamics Consulting International Incorporated
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 2024 – 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/Freelance
Remote

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

DESIGN PROJECTS COMPLETED/RESEARCHES

Intern Project: Web Application Development (CakePHP3)

Sept 2022 – 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

Nov 2022 – Dec 2022

- **Technology Stack:** Kotlin, Android Studio, GitHub.
- **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 2023 – July 2023

- **Role:** Full-stack 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 2019 – 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.

KNOWLEDGE, SKILLS AND ATTITUDE

- **Programming Languages:** 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 and Active Listener

Hard Skills: Figma, Prototyping, Wireframing, Responsive Web Design, Low Fidelity Prototyping, High Fidelity Prototyping, Mockups

REFERENCES

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