FRANZ KHYL M. ONG

franzkhylong.github.io/ReactSite
linkedin.com/in/franz-khyl-ong/
1321 Penafrancia St. Paco, Manila
+639763303159
franzkhylm.ong@gmail.com

OBJECTIVE

A highly motivated individual seeking to utilize my technological skills in a challenging professional environment, while continuously expanding my knowledge and contributing to the growth of an organization

WORK EXPERIENCE

The Coding School - Programming Course Content Development Intern
May 2023
- Responsible for the development of the course content, activities, and lesson guides for upcoming programming courses that will be used by the company.

The Coding School - Programming Instructor
April 2023 - Present
An online instructor teaching various coding-related topics.
- Completing exams, capstone projects, and teaching demos in order to be certified and eligible to teach various topics.
- Tutoring kids and teens in various topics such as Python and web development.
- Evaluating student progress and offering feedback to enhance their coding skills.
- Maintaining a positive and supportive learning environment that encourages students to ask questions and engage with the material.

Questronix Corporation - Power Developer Intern
March 2023 - May 2023
Designed and developed an event dashboard application for the company's marketing team.
- The application that I developed became the one chosen to be adopted by the company's marketing team.
- Created a design for a dashboard application and used Power Apps to implement the design. The application consists of a calendar view, kanban board, and the ability to modify their event database.
- Utilized Power BI to create reports and Gantt charts to help the team get a better understanding and overview of their tasks and projects.

Nexxt Gaming Guild - Educational Content Creator
February 2022 - June 2022
Managed & created WEB3-related content for an organization based in the Netherlands, where regular reports and updates were to be submitted.
- Gained experience in a remote working environment with regular meetings and utilizing Google Workspace and Notion.
- Learned communication and collaboration skills by working on projects with coworkers.
- Produced educational videos by writing scripts, recording the content, and editing the clips.
- Managed programs and organized data for events in the community.

SKILLS

Proficient: Python(scikit-learn, Pandas, matplotlib, & etc.), HTML5, CSS, Bootstrap, Adobe Photoshop, Microsoft Power Apps
Intermediate: JavaScript, Microsoft Power BI, SQL, React.JS, C++, Github
Basic: Microsoft Power Automate

EDUCATION

Bachelor's Degree in Computer Engineering
Pamantasan ng Lungsod ng Maynila
September 2019 - June 2023

DOST Merit Scholar
Department of Science and Technology
September 2019 - June 2023

STEM Technology
Adamson University
August 2017 - May 2019

AWARDS

Part of the Top 5 Winners
December 2022
Tara ML Challenge - Google Developer Student Clubs Philippines

Magna Cum Laude
Computer Engineering
Pamantasan ng Lungsod ng Maynila

PROJECTS

Google Developer Student Clubs - PLM Demographics Dashboard | Role: Project Lead
- The demographics dashboard aims to help the organization gain an understanding of its target audience by analyzing the data of previous public events to have more effective promotional campaigns and talks with partners in the future.
- Tasks such as data preparation and cleaning, data exploration, and data visualization are involved.

SENTRIFY: Microcontroller-Based Surveillance and Alarm System Using EfficientYOLO-Fine For Hand Signal Detection
- A final thesis project with the aim of training a machine learning model in order to be able to detect specific hand signals civilians could perform to indicate that they are at risk of being a victim of a potential crime.
- Utilized K-means clustering in order to generate anchor boxes and was also the front-end developer of the web application.

Dashboard Monitoring System | Role: Front-End Developer
- Final school project where the goal is to develop a web application that can show the real-time data of various sensors in a user-friendly, easy-to-use dashboard
- Learned and used Bootstrap, along with CSS and JavaScript in order to bring the visually appealing user interface to life.

Current Portfolio Website
- Learned and used React.js and various libraries to build a website to help give people an introduction to who I am.
- Integrated a chatbot into the website to allow users to ask questions about myself using Google Cloud's Dialogflow.
- Deployed the website using GitHub pages.

VOLUNTEERING & AFFILIATIONS

Data Committee Co-Lead - Google Developers Student Club PLM
- Responsible for the organization, planning, and execution of various events and meetings that will help members develop their skills in the field of data through contests, webinars, and much more.
- Lead projects centered around creating a dashboard for the demographics of previous GDSC PLM events.
- Participate in other projects such as the sentiment analysis of event participants' feedback and the social media performance of the organization.

DataCamp Scholar - Google Developers Student Club PLM
- Given the privilege of accessing a 1-year scholarship in DataCamp which allows me to learn various topics revolving around Python, Machine Learning, SQL, and etc.

SEMINARS

Launching to Greater Heights with Flutter and MLKit - Guest Speaker
March 2023
A month-long event that aims to have Machine Learning and Flutter go hand in hand to create an app that will be used for daily life.
- As a guest speaker, explained how various machine learning tasks like language identification and object detection are worked and trained.

App Up in the Cloud: Understanding the Importance of Cloud Computing and App Development - Host
August 2022
The webinar is a discourse about the learning of cloud computing with association with app development. The webinar also discusses strategies like building your first web app with React and Firebase.
- Volunteered to be the host of the event.
- Planned and organized the seminar/webinar.

Safe at Work: Vigilance and Awareness inside the Workplace - Host
June 2022
The webinar is a discourse about the health and safety hazards that are present in the work environment and effective disaster risk management.
- Volunteered to be the host of the event.
- Planned and organized the seminar/webinar.

COURSES AND CERITIFCATIONS

Data Science For Business
DataCamp
May 2023

Intermediate SQL
DataCamp
May 2023

Foundations: Data, Data, Everywhere
Google/Coursera
April 2023

HTML Essential Training
LinkedIn Learning
November 2022

Intermediate Python
Datacamp
October 2022

Statistics Foundations: The Basics
National Association of State Boards of Accountancy
August 2022