

# FRANZ KHYL M. ONG

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## OBJECTIVE

To obtain a role where I can apply and develop my skills in the wonderful field of data, work with amazing people, and gain important experience while also providing value and contribute to the company's growth.

## WORK EXPERIENCE

### The Coding School - Coding Coach / Tutor

April 2023 - Present

Tutoring people regarding various coding-related concepts, focusing more on Python and Data Analytics.

- Completing exams, capstone projects, and teaching demos in order to be certified and eligible to teach various topics.
- Tutoring kids and teens various topics such as basic coding, object oriented programming, algorithms, and basic data analytics using Python and Google Colab.
- Evaluating student progress and providing feedback to help them improve 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

Designing and developing dashboard applications for the company's marketing team.

- Designing and developing applications using Microsoft PowerApps.
- Utilized Power BI in order to create dashboards and Gantt charts in order to help the team get a better understanding and overview of their tasks and projects.
- Utilized Power Automate in order to automatically update the company's database for the immediate reflection of changes within the app and dashboards.
- Documenting projects and processes to help aid in further development of applications.

### 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 their scripts, recording the content, and editing the clips.
- Managed programs and organized data for events in the community.

## SKILLS

**Proficient:** Python (Pandas, Scikit-Learn, Matplotlib, & etc.), HTML5, CSS, Bootstrap, Microsoft & Google Office Suite

**Intermediate:** Microsoft PowerApps, Microsoft Power BI, JavaScript, React.JS, C++, Github

**Basic:** SQL, 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

## PROJECTS

### TruthSeeker.AI

- One of the top 5 project submissions for the Google Developer Student Club's Tara ML! competition for using machine learning to solve everyday problems.
- Successfully created a program capable of labeling both English and Filipino news as real or fake using Passive-Aggressive Classifier and Logistic Regression machine learning models.

### Current Portfolio Websites

- Learned and used React.js and various libraries to build a website to help give people an introduction of 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.

### CoinCNet: Coin Recognition System using Circular Hough Transform Masking and Convolutional Neural Network and Vision Transformers

- Used machine learning to identify and classify all Filipino coins in an image.
- Built a custom dataset comprised of 244 unique images.
- Utilized image rotation, width & height shifting, zooming, and brightness modification to produce 30,500 images for the dataset from 244 unique images.

## AWARDS

### Part of the Top 5 Winners

December 2022

Tara ML Challenge - Google Developer Student Clubs Philippines

### Dean's Lister

1st semester of the academic school year 2020/2021 - 1st semester of the academic school year 2022/2023

Pamantasan ng Lungsod ng Maynila

## VOLUNTEERING & AFFILIATIONS

### Google Developers Student Club PLM - Data Committee Co-Lead

- Responsible for the organization, planning, and execution of various events that will help members develop their skills in the field of data through contests, webinars, and much more.
- Lead projects centered around the data visualization of the demographics of the attendees of previous GDSC PLM events.
- Participate in projects centered around natural language processing for event feedback and marketing performance of social media promotion of organization events.

### Google Developers Student Club PLM - DataCamp Scholar

- Given the privilege of accessing a 1 year scholarship in DataCamp which allows me to learn various topics including 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 CERTIFICATIONS

### Foundations: Data, Data, Everywhere

Google/Coursera

April 2023

### HTML Essential Training

LinkedIn Learning

November 2022

### CSS Essential Training

LinkedIn Learning

November 2022

### Intermediate Python

DataCamp

October 2022

### Statistics Foundations: The Basics

National Association of State Boards of Accountancy

August 2022

### SQL for Non-Programmers

LinkedIn Learning

August 2022