NEIL ANDREW SONEJA
SOFTWARE DEVELOPER

+63 966 506 6217 • neilsoneja@gmail.com • neilsoneja.click

SUMMARY

Skilled in computer engineering with good leadership and communication skills. With broad background on both hardware and software development. Proficient in multiple programming language and software development platforms. With strong problem-solving and analytical skills and able to work effectively in a team-based environment.

PROJECTS COMPLETED / RESEARCHES

Sugarcane Variety Classifier and Sorter
Python | C++ | Deep Learning | Microcontroller

TIP Manila & Sugar Regulatory Administration • Aug 2023–March 2024

- *A device that identifies and sorts the variety of sugarcane through machine learning, sensors and various mechanisms. Uses Convolutional Neural Network transfer learning to train and evaluate the model. Controlled mainly via Raspberry Pi computer connected to an Arduino Uno.*

Google Suites Automation
Google Apps Script

Cru Philippines • Feb 2024–March 2024

- *Automation of data through various Google services from user input, forms and table formatting, to email composition and sending.*

Hash Algorithm for Reverse Image Search
Python | PHP

Kaye Bakes • Feb 2022–March 2022

- *Web-Based application for a reverse image search using image hash algorithm. Used in the suggestion feature for Kaye Bakes web store, a customized cake making shop. Languages used are Python, PHP, HTML, CSS, and MySQL.*

WORK EXPERIENCE

Cru Philippines | LDHR
Intern - Software Developer • Feb - March 2024

- *Develop and improve company website and dashboard.*
- *Automate form application and processing.*
- *Contribute to the improvement of development best practices.*

Mitsubishi UFJ Financial Group
Intern - Software Developer • March - April 2024

- *Setup and manage Amazon Web Service servers.*

Freelance
Jan- Dec 2020

- *Project based software developer*
- *Online Tutor*
- *Freelance Illustrator • Animator • Photo Video Editor*

PROFICIENCY

Machine Learning
Transfer Learning | CNN

Amazon Web Services
Amazon EC2 | Route 53

Microcontrollers
Arduino | Hardware & Software Development

Object-Oriented Programming
Python, C++

EDUCATION

Bachelor of Science in Computer Engineering
Technological Institute of the Philippines Manila - Graduating

Bachelor of Science in Applied Physics
University of the Philippines - Los Baños • 2014-2019

CERTIFICATIONS

CyberOps Associate
Cisco Networking Academy • December 2023

Cisco Certified Network Associate
Cisco Networking Academy • December 2023

Getting Grounded on Analytics
Development Academy of the Philippines • May 2020

Introduction to Java
Codecademy • Sep 2021

REFERENCE

Dr. Jennalyn Mindoro
Assistant Program Chair • Computer Engineering Department
Technological Institute of the Philippines
jmindoro.cpe@tip.edu.ph
+63 908 881 3829

Arvin Lim
Executive Team • Cru Philippines
arvin.lim@ccc.org.ph
+63 995 311 4278