Kelvin Liusiani

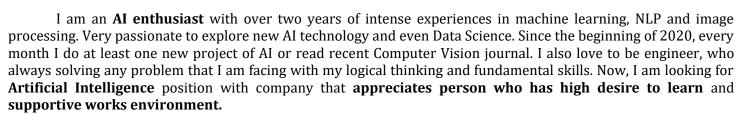**AI Engineer**

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  I am an **AI enthusiast** with over two years of intense experiences in machine learning, NLP and image processing. Very passionate to explore new AI technology and even Data Science. Since the beginning of 2020, every month I do at least one new project of AI or read recent Computer Vision journal. I also love to be engineer, who always solving any problem that I am facing with my logical thinking and fundamental skills. Now, I am looking for **Artificial Intelligence** position with company that **appreciates person who has high desire to learn** and **supportive works environment.**

Working Experience

Feb 2020 - Present

Artificial Intelligence Engineer (Associate)
Synnex Metrodata Indonesia
- Train Deep Learning model (Faster-RCNN, MobileNet V2-SSD, Yolo, CenterNet, EfficientDet, etc) using some frameworks, like Tensorflow, Pytoch, and Caffe.
- Deploy solution on edge (without GPU) using Intel *OpenVINO Toolkits* and ONNX as an Inference.
- Creating 8 AI solutions from scratch: ***People Counting***, ***Vehicle Counting***, ***Face Recognition for Attendance System***, ***Indonesian License Plate Recognition***, ***Smart Digital Signage System***, ***Face-Mask Alarm*** and ***Social Distancing Alarm***

Nov 2019 – Feb 2020

Artificial Intelligence Engineer (Intern)
Reblood
- Create image classifier for the proof of blood donor receipt
- Using Google Cloud Vision for Text Detection to create automatic information retrieval inference
- Create REST API using Python Flask
- Deploy on Google Cloud App Engine

Education

Aug 2016 – Jan 2020

BE in Electrical Engineering, Institute Technology of Sepuluh Nopember with Cum Laude Honor (3.5 years)
GPA: 3.81 / 4.00
Thesis: "Visual Information-Based Data Acquisition System for Learning Objects on Intelligent Systems"

Research

March – July 2019

JAREE - Journal on Advanced Research in Electrical Engineering
Volume 4, Number 1, April 2020
Journal Title: "Object Extraction Using Probabilistic Maps of Color, Depth, and Near-Infrared Information**"**

- By using probabilistic maps of color, depth and NIR from Kinect V2 modeled by Gaussian Mixture Model (GMM), object extraction can be done and used for creating object segmentation dataset and 3D object modeling dataset.

Non – Formal Education

April – July 2020	**Intel® Edge AI for IoT Developers Nanodegree Program** *Nanodegree program from Udacity and Intel with some project Implementation:* • Project 1: Deploy a People Counter App at the Edge • Project 2: Smart Queueing System • Project 3: Computer Pointer Controller using Eye Gaze
Jan – July 2020	**Student of Bangkit Academy** *Led by Google, Tokopedia, Gojek, & Traveloka* An exclusive machine learning academy with very selected students • Learn CNN, NLP, Sequences, Time Series, and Prediction using Tensorflow • Implement model to server (Tensorflow.js) and mobile (tf.lite) • Projects: Fake News Classification and Fruit vs Rotten Classification
Jul 2019 – Aug 2019	**Artificial Intelligence Digital Talent Academy Scholarship** *by Indonesian Ministry of Communication and Information Technology* Full time bootcamp within 2 months with some final – projects: • Car Classification and Counting • Tweet Sentiment Classification • Chat Bot using Bidirectional-LSTM • Grab Dataset Traffic Demand Forecasting using LSTM

Certifications

2020	**Intel® Edge AI for IoT Developers Nanodegree** *Udacity*
2020	**Tensorflow Developer Certificate** *Tensorflow*
2020	**Tensorflow in Practice** Coursera and DeepLearning.ai
2020	**AWS Machine Learning Scholarship** Udacity
2019	**Image Processing with Python Track (3 Courses)** DataCamp
2019	**Data Analyst with Python Track (16 Courses)** DataCamp
2019	**Intermediate Python for Data Science** DataCamp
2019	**SQL Fundamentals Track (4 Courses)** DataCamp