NIZAR HAIDER

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Experience

MINDVALLEY   Malaysia, Remote
Data Intern   Jan 2022 - July 2022

- Created documentation for recommendation model to include all the new features added to it. Updated existing tutorial on how to launch recommendation model on python 3.8 instead of python 3.6.
- Lead a project on social media analytics that extracted sentiment from tweets about the company and built a demo for a dashboard that was deployed to Google App Engine in under 1 week
- Refactored pipelines programmed in jupyter notebook and wrote MySQL queries for Big Query on GCP to build build feature tables instead of using pandas to increase efficiency

CODE FOR ASIA   Singapore, Remote
Instructor   Nov 2021 - Dec 2021

- Researched, developed and tutored data science material (data scraping, wrangling, visualization) to over 240 students

DOC   Malaysia, Remote
AI Intern   May 2021 - Nov 2021

- Built a python batch file to automate dealing with user problems which I documented with a tutorial on how to use it as well as upgrade it.
- Worked in a team to develop a skin cancer detection model using YOLOv5 which won us the champion at the UN competition.
- Deployed an AI project that was able to measure heart rate through computer vision at 89% accuracy onto Heroku.
- Automated download, extraction and conversion of files for corporate that helped reduce manpower from 4 to 1

IMAGINE AI   JB, Malaysia
AI Intern   Sep 2020 - May 2021

- Built an ensemble model for a glove manufacturing client using detectors (YOLOv5) and classifiers (EfficientNet).
- Led a team of 4 to develop a prototype of a contact lens inspection model using OpenCV libraries for image preprocessing and threshold contouring.
- I further was tasked with creating the GUI using Tkinter and presenting it to the client. Used an ensemble of YOLOv5 and Pytesseract-OCR to inspect bottle labels for a client.

Technical Skills

Languages: Python, MySQL, JS
Frameworks/Platforms: OpenCV, Tensorflow, Flask/Django, Google Cloud Platform, Kubeflow, Segment, NLP, Docker, Airflow

Education

UNIVERSITI TEKNOLOGI MALAYSIA   JB, Johor
Bachelor in Mechanical Engineering (Pure)   2023

Profiles: LinkedIn, Github