PARK KUNYOUNG
DATA SCIENTIST

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🐙 https://github.com/kunyoungp

🌐 https://kunyoungp.github.io/

SKILLS

Technical Skills
- Programming in Python, Java, C, C#, C++, CSS, HTML, JavaScript, MySQL, MATLAB, Groovy

- TensorFlow, Keras, Scikit-learn, Git, Unity, Android Studio, Microsoft Office, Linux, Vue, React Native, React, Node.js, REST API

Areas of Interest
- Machine Learning, Neural Network, Computer Vision, Data Science, Data Structures & Algorithms, Software Engineering, Object Oriented Programming, Database Structure, Web & App Development, Full Stack Development

Other Skills
- Fluent in English and Korean Language

PROJECTS

Visual Relationships Detection
- Final Year Project that detects objects and their relationship using object detection techniques and scene graph generation.

Costa Rica Poverty Prediction
- Python project which involves data analysis and prediction of real-world dataset using various machine learning classifiers.

Path Finding Algorithm
- Python project that explores and visualises shortest path from start to end node using breath first search algorithm.

Software-Engineering-Project-on-HDB
- Full-stack Android mobile application project that utilises real time Google Firebase as back end to display data.

Hand Action Recognition
- Python project collects data and train the model using LSTM and Dense with the collected data to detect and recognise hand actions.

HOBBIES

- Playing Chess and solving puzzles
- Travelling
- Playing basketball

WORK EXPERIENCE

M1 Limited
Singapore
Jan 2021 - May 2021

Software Engineer Intern
- Developed frontend web application new data warehouse reporting system, focusing on the design and development of the frontend web application
- Managed MySQL database, as well as assisted the backend data analysis script migration and database migration
- Maintained the reporting system platform and the Linux server

EDUCATION

Nanyang Technological University
Aug 2018 - May 2022

Bachelor of Engineering
- Computer Science
- Expected Honours (Distinction) CGPA: 4

Anglo-Chinese Junior College
Jan 2016 - Oct 2017

Singapore-Cambridge General Certificate of Education A-Level
- 6 distinctions in GCE A-level Examination 2017

AWARDS AND ACHIEVEMENTS

- Nanyang Scholarship
- Best Standards Award and Merit Award in Energy Innovation Challenge
- Participated in Shopee Ultra Hackathon 2021

LEADERSHIP EXPERIENCE

NTU Computer Science and Engineering Club
Sep 2018 - Aug 2020

President
- Led a committee with size of over 100
- Organized and oversaw events in school and worked with Student Union
- Initiated publications and volunteer work in school
- Represented collective interests of school's student body

Sports and Recreational Executive
- Collaborated Inter School Games and managed a Table Tennis tournament
- Organised sports events within school
- Inaugurated and managed Night Cycling activity

NTU Transitional Orientation Program
Aug 2019

Group leader
- Took responsibility of freshmen's smooth integration into the new environment, bonding and safety
- Freshmen were successfully acclimated and bonded as a result