Wen Jing, Lo

Sept 13, 2000 (+886)965373288 Lowen0909 eddie206027@gmail.com

Summary

I am a problem-solving-oriented student and care about user experience. I enjoy making complex things easier to understand. For instance, I develop a tool to turn complex animal population prediction model into an easy-to-use graphical interface. Additionally, I design a restaurant management system that aims to improve restaurant efficiency. I am also passionate about Machine Learning and have trained a model using transfer learning to classify 50 types of school dishes. I have a strong willingness to learn and look forward to bringing my enthusiasm and experience to work.

Education

National Cheng Kung University - M.S in Electrical Engineering
National Cheng Kung University - B.S in Engineering Science

Courses:

Machine Learning:

Introduction to Neural Networks、Introduction to Image Processing, Computer Vision and Deep Learning

Computer Science:

Operating Systems、Microprocessor and Interface Design、Introduction to Computer Networks

Skills

C/C++ programming Python TensorFlow Keras Web development

Projects

Animal Population Prediction Tool:

- A Python program implement simplified version of Markov and Lesile model.
- This tool features a user-friendly GUI and visualizes results through plots and diagram for an enhanced user experience.

Restaurant Management System:

- This is a backend system designed for restaurants that integrates online ordering, order management, and food material control. It is expected to enhance restaurant efficiency.
- Use Node.js Express framework and Mongo DB atlas to implement CRUD operations and login system.
- Use socket to synchronize the web contents to make all customers see the latest contents.
- The MVC system architecture makes maintenance easier than initial version.

School Meal Classifier:

- Use TensorFlow Keras and ImageNet pretrained model to make a CNN model that can classify 50 types of school dishes.
- The test accuracy achieves 80%.