Alan Chen

Computer Engineering Intern

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Experience

* Future Stock Price Prediction Duration: Two month

Technology used: Long Short-Term Memory, recurrent neural network.

* + Go deep into artificial neural networks and put the most suitable one onto practice.
  + Investigate stock market to determine which stock has the minimal external influences and predict its future price.

Key Achievement: I was the group leader, instructing and assigning tasks to the members, and the professor finally approved our performance.

* AWS Deep Racer Competition Duration: Three month

Technology used: Machine learning, Amazon Web Service, budget control.

* + Design model by division of expertise to confront the limited time and budget.
  + Observe the disadvantage of different reward function to find the best solution.

Key Achievement: Won the fastest lap award.

* Innovation project: Smart automated pickup machine Duration: Two month

Technology used: Machine learning, raspberry pie, MySQL.

* + Applied artificial intelligent to recognize one’s face.
  + Created Network database by using MySQL.
  + Did market research to maximize the benefit, also make our product more convenient for the underprivileged group, comparing with the tradition system.

Key Achievement: Became the model of the team working in the department and understood how to meet the actual needs of the market.

Education

**Purdue University** Bachelor of Electrical & Computer Engineering

(Expected graduation Jul 2024)

Relevant Course Work

Data Structure Microprocessor Systems & Interfacing

Advanced C programing Object oriented Python for Data Science

一張含有 文字, 路, 路面, 公路 的圖片

自動產生的描述