

Yen-Jung, Chen

computer engineering intern

Contact

+1 (765) 409-5263
Chen4126@purdue.edu

Education

Feng Chia University

GPA: 3.8/4.0

Purdue undergraduate 2+2

program in Electrical &
Computer Engineering

(Expected graduation Jul 2024)

Purdue University

Electrical & Computer
Engineering

(Expected graduation Jul 2024)

Relevant Coursework

Data Structure

Microprocessor Systems &
Interfacing

Advanced C programing

Object oriented Python for Data
Science

Digital system design

Innovation project

Extracurricular Activities

Badminton team

Symphonic band

Qualification Summary

Hands-on C experience from advanced C and data structure classes. Cooperative and good at communicating and coordinating different opinions.

An inclusive communicator and team-player with persistency personality in driving success.

Gained experience of Machine Learning, MySQL, and Python.

Summary & Objective

Diligent electrical engineering and computer science major, currently studying in Purdue University Electrical and Computer Engineering.

English proficiency about 96 in TOEFL. Seeking highly competitive environment to challenge and immerse myself in coding. Additionally, aiming for proficient communication, language, innovation, and technical skills to successfully become a significant leader in the tech workplace.

Relevant Experience

- 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 a 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.
- 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: Better understand machine learning especially artificial neural networks, and successfully predicted future stock price.

