

W u K a i K a o (G a r y)

Software Engineer

+1 714 930 6937

|

gary4119@gmail.com

|

U.S.A, Buena Park, 90620

I am actively seeking a new challenge and the opportunity to leverage my strong data science skills to contribute towards the achievement of your company's objectives. With my background and knowledge, I am confident in my ability to make significant contributions that will propel the company forward. I am eager to bring my expertise and passion for software engineer to a dynamic and innovative organization

W O R K E X P E R I E N C E

Project Engineer

2022 - present

National Lighting, Cerritos, CA

- Designed the structure of the company's products.
- Maintained developing products and survey all the information.

Software Engineer

2020 - 2022

Mindtronic AI, Taipei, TW

- Built controllable **Driving Simulator** based on **python** with steering wheel and gas pedal based on **Carla**.
- Optimized **digital control method** on **Driving Simulator**.
- Created serval scenarios to **collect driving data** about vehicle speed, location, collision estimation.
- Developed the vision function by **neural network** on one of our newest products "**Touring Suggestion Device**".
- Created the **neural network** detection for Traffic signs of U.S.A and Taiwan.
- Maintained the **data labeling server** "cvat" which build by **C++**.

E D U C A T I O N

M.A. Electrical and Computer Engineering | Tamkang University

Taipei, Taiwan | 2016 – 2018

B.A. Electrical Engineering | Tamkang University

Taipei, Taiwan | 2012– 2016

S K I L L S

C++
Tensorflow

Python
Pytorch

Git
OpenCV

Docker

ROS

PointCloud

Matlab

SolidWorks

A c h i e v e m e n t s

FIRA RoboWorld Cup – HuroCup | First Place

Taichung, Taiwan | 2017

Amazon Robotic Challenge(ARC)

Nagoya, Japan | 2017

WoIrd Robot Summit(WRS)

Tokyo, Japan | 2018

Pickathon

Taichung, Taiwan | 2018