Bo-Kai Ruan

Software Engineer

👤 Profile

Passionate at computer vision and machine learning. Recently studying in generative model for synthesizing real image. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team

🎓 Education

Bachelor of Electrical and Computer Engineering, National Yang Ming Chiao Tung University, Hsinchu, Taiwan

September 2019 — Present

Artificial Intelligence Cross-Disciplinary Program, National Yang Ming Chiao Tung University, Hsinchu, Taiwan

September 2020 — Present

💼 Internships

Winter Android developer Intern at MaxWiseInfo, Chiayi, Taiwan

February 2020 — February 2020

Develop the care system on mobile phones to manage the patients daily life.

Summer Research Intern at Assistive Robotics Group, NCTU, Hsinchu, Taiwan

July 2020 — August 2020

Using machine learning to solve the simple self-halting problem.

📊 Leadership

Leader, Developer Student Clubs at NYCU, Hsinchu, Taiwan

September 2020 — June 2021

Build a positive community for sharing Google technology.

Vice director, Grand Challenge Scholars Program at NYCU, Hsinchu, Taiwan

February 2021 — June 2022

Learning the human centric technique and cultivate the leadership to addressing the grand challenges.

📊 Skills

Software skills

Machine Learning, Unix, PyTorch, ROS, Python, C++, Git, CI/CD, Data Structure, Google Cloud Storage, Google Cloud Vision, Google Docs.

Hardware skills

Arduino, Raspberry PI, Electronic instruments.

📊 Projects

GC Detection

Using Google Cloud platform to build an object detection module.

Object detection with localization

Using robots to detect specific object and also return the position of the object.

Details

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Links

Personal website
Medium
LinkedIn
Github

Languages

English

Chinese