Bo-Kai Ruan

👤 Profile

- Passionate about computer vision and machine learning
- Recently studying generative models for synthesizing real images
- 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 (NYCU), Hsinchu, Taiwan
September 2019 — Present, expected to graduate in June 2023

Artificial Intelligence Cross-Disciplinary Program, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
September 2020 — Present, expected to graduate in June 2023

💼 Internships

Winter Android developer Intern at MaxWiseInfo, Chiayi, Taiwan
January 2020 — February 2020
Developed the care system on mobile phones for patient monitoring

Summer Research Intern at Assistive Robotics Group, NYTU, Hsinchu, Taiwan
July 2020 — August 2020
Applied machine learning techniques in solving self-halting problems

📊 Leadership

Leader, Developer Student Clubs (DSC) at NYCU, Hsinchu, Taiwan
September 2020 — Present

- Lead team members to learn Google technology and Developer tools
- Hold workshops to inspire other student developers
- Collaborate with other schools' DSC leaders to hold the Hackthon

Vice president, Grand Challenge Scholars Program (GCSP) at NYCU, Hsinchu, Taiwan
February 2021 — Present

- Collaborate with other schools' GCSP clubs for sharing clubs' experience
- Find speakers to share the knowledge related to public speaking
- Encourage members to solve the grand challenge problems we faced in this century

📊 Skills

Software skills
Machine Learning, Unix, PyTorch, ROS, Python, C++, Git, CI/CD, Data Structure, Android, 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 objects and also find out the position of the detected objects related to the controllers

Details
justin900429@gmail.com

Links
Personal website
Medium
LinkedIn
Github

Languages
English
TOEIC Score: 915/990

Chinese
Native speaker