

Yuki Tan

Taipei, Taiwan

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Education

National Taiwan University

Master of Science in Intelligent Systems

Sep 2018 – Jun 2020 | Taipei, Taiwan

GPA: 4.2/4.3

Activities: AI Club President, Robotics Workshop Facilitator, Teaching Assistant

Relevant Coursework: Intelligent Agents, Machine Learning, Robotics, Computer Vision, NLP

Summer School: Carnegie Mellon University 2019 (GPA: 3.9/4.0)

Work Experience

Intelligent Systems Engineer | ASUS AI Lab | Jul 2020 - Present | Taipei, Taiwan

- Developed AI-driven features in firmware for smart home devices.
- Implemented computer vision models for object detection on embedded systems.
- Optimized inference on ARM processors, reducing latency by 35%.

Skills

Frameworks: TensorFlow Lite, PyTorch Mobile

Languages: Python, C++, Embedded C

Other Skills: Model Quantization, Edge AI, Robotics Integration

Certificates

Google Cloud: Professional ML Engineer

Coursera: Edge AI and Computer Vision

Udemy: Embedded AI with TensorFlow Lite

Awards

ASUS AI Excellence Award 2022

NTU Academic Scholarship

First Place – Taiwan Edge AI Hackathon