



Chia-Feng Wang

Engineer with 10+ years of experience in software, automated testing, failure analysis, and 4.5 years of NPI experience in Apple wearable device factories.

📍 Taoyuan, Taiwan

🌐 <https://wang-jia-feng.github.io/wjf.github.io/>

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WORK EXPERIENCE



Design Quality Eng.(Automation Software) • MiTAC Information Technology Corp

Feb. 2020 - Present

Automation testing tools and analyzing systems development and maintenance.

- Raspberry Pi + NAS stress test analysis and notification system, reducing review time by 85%.
- GPS NMEA signal monitoring system for automated strength tracking and alerts.
- Cross-department camera module autofocus and clarity testing system.
- Serial port pingpong testing development for flex module sample testing.
- License plate clarity recognition system assisted by YOLOv8 AI.



Software Eng., Specialist II • Quanta Computer Inc.

Sep. 2015 - Jan. 2020

- Apple wearable device assemble test program development and maintenance.
- Function validation and issue analysis tracking of the project.
- NPI and manufacturing operations experience.
- Cross-function co-work with other teams.
- Yield rate improvement, root cause finding, DOE.



Software Eng. • Tongtai Machine & Tool Co., Ltd.

Sep. 2012 - Aug. 2015

- Maintain and improve the machine control program.
- Design and implement computer vision recognition system for laser marking machine.
- Increase laser marking machine working performance by 20%

EDUCATION



2010 - 2012

National Dong Hwa University, NDHU
Master's degree, Computer Science and Information Engineering



2006 - 2010

Ming Chuan University
Bachelor's degree, Computer & Communication Engineering

Skills

- Image Processing
- Failure Analysis
- Computer Vision
- Software Development

Language

- English — Intermediate
- Chinese — Native