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/ in

WORK EXPERIENCE

Design Quality Engineer(Automation Software) · MiTAC Information Technology Corp
Feb. 2020 - Present

Automation testing tools and analyzing systems development and maintenance.
- Create a Python-based stress test analysis and notification system with Raspberry Pi and NAS, cutting review time by 85%.
- Develop a GPS signal monitoring system with NMEA parsing for automated signal strength tracking and alerts at test sites.
- Automated camera module autofocus system for target positioning and focus clarity testing, cross-departmental collaboration.

Software Engineer, 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 Engineer · 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