



CONTACT

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CORE COMPETENCIES

- Technical project delivery
- FAE team leadership & training
- ICT/FCT test systems
- NPI, first-line setup & ramp-up
- Cross-domain issue resolution
- Pre-sales technical evaluation
- Coordination with mainland teams

LANGUAGES

Mandarin

Native

English

Technical reading and email communication; actively improving spoken fluency.

LOCATION PREFERENCE

Taiwan-based roles preferred; available for regional and overseas travel.

HOWARD HO

CHUNG-YI HO

TECHNICAL PROJECT MANAGEMENT | FAE TEAM LEAD
| TEST EQUIPMENT & AUTOMATION

PROFESSIONAL SUMMARY

Cross-functional engineer with experience in mechanical systems, electronics, software, and test equipment. At Ding Tang, I performed Technical PM and FAE Team Lead responsibilities, leading a three-person Taiwan team for ICT/FCT equipment NPI, delivery, first-line setup, pre-sales tester feasibility review, supply-chain coordination, issue closure, process standardization, and coordination with mainland China engineering teams. Hands-on experience includes C# applications, ESP32/STM32, SCPI, EasyEDA two-layer PCBs, machine vision, and technical documentation. Skilled at translating customer needs into executable cross-functional plans and driving delivery through task breakdown, technical transfer, and team development.

PROFESSIONAL EXPERIENCE

Ding Tang Technology Co., Ltd.

Mar 2025 - Jul 31, 2026

Technical Project Engineer / FAE Team Lead / Electronics Engineer

- Led a three-person Taiwan FAE team for ICT/FCT equipment NPI, installation, first-line setup, on-site troubleshooting, customer handover, and after-sales support.
- Participated in pre-sales tester feasibility and risk evaluation by breaking down customer-provided data into test items, fixture constraints, electronics, software, machining, module design, assembly, after-sales support, and inventory needs; coordinated Taiwan resources, mainland China engineering teams, and supply-chain support.
- Standardized equipment shipment, installation, commissioning, and handover through SOPs and checklists, improving progress visibility, case reuse, and new-hire onboarding.
- Guided a junior software engineer in a two-person team to complete an engineering version of a C# ICT equipment application within two weeks; owned requirements, architecture, task breakdown, and verification.
- Led technical transfer for an ICT script editor and maintained an existing STM32 test board, including version control, build/flash support, and basic fault analysis.
- Planned a DMM measurement controller and PCB-based probe-interface improvement using ESP32, SCPI, touch UI, and EasyEDA two-layer PCBs; compared cost, process capability, and lead time, and standardized PCB outsourcing, inspection, and team handover.

EDUCATION

Chung Hua University

B.S. in Mechanical Engineering | 2015 - 2019

TECHNICAL SKILLS

Project & Field Delivery

- Technical PM / FAE Team Lead
- NPI / first-line setup / handover
- SOP / checklist / escalation
- Pre-sales testability & risk review

Electronics & Test

- ICT / FCT / test fixtures
- Schematic & PCB layout review
- ESP32 / STM32 / Arduino
- UART / RS-232 / RS-485 / I2C / SPI
- SCPI / instruments / MES integration
- EasyEDA 2-layer PCB / Gerber / BOM

Software & Automation

- C# / .NET Framework 4.8 / WinForms
- Python / SQL (basic)
- OpenCV / OpenCvSharp / OCR
- Keil / J-Link / firmware maintenance
- Traceability & PASS/FAIL logic

QUANTIFIED RESULTS

47.1 sec / unit

Approx. NT\$1.16M process benefit

8,938 trials / 0 failures

C# OCR numeric recognition validation

35.9 sec

Cycle-time reduction from robot collaboration

TRAVEL & MOBILITY

Based in Tainan; available for regional and overseas travel.

PROFESSIONAL EXPERIENCE

Vision Automobile Electronics Ind. Co., Ltd.

Jan 2023 - Sep 2024

Software / Automation Test Engineer

- Developed, tested, and maintained C# test applications for automotive electronics and consumer products, integrating RS-232/UART communication, modular software, and hardware interfaces.
- Supported NPI, pilot builds, engineering changes, and production issues by establishing test flows, maintaining software and fixtures, and proposing process improvements.
- Contributed to a mass-production burn-in/test integration and human-machine collaboration project, reducing cycle time by 47.1 seconds per unit with an estimated benefit of approximately NT\$1.16 million.
- Contributed to collaborative robot test automation by integrating vision-based position correction, QR code recognition, conveyor pick-up, vacuum/pneumatic I/O, C# commands, and PASS/NG routing, reducing standard work time by approximately 35.9 seconds.
- Developed OCR, LED color/blink recognition, and AI vision applications. OCR was validated across 8,938 trials with zero failures; the modular LED solution was planned for up to 150 LEDs.
- Participated in sensor-based electronic product burn-in/test automation integrating PIC programming, RF measurement, LED evaluation, stepper-motor rotation, servo button actuation, and C# sequence control.

SELECTED PROJECTS

FAE & NPI Delivery Standardization

Led a three-person FAE team for equipment introduction, first-line setup, troubleshooting, and customer handover. Built mechanical/electrical/software SOPs and checklists to improve traceability, knowledge sharing, and onboarding.

Pre-sales Tester Evaluation & Cross-platform Coordination

Reviewed drawings, BOMs, test requirements, and fixture constraints; evaluated electronics, software, machining, assembly, after-sales, and inventory capability; coordinated mainland engineering teams and supply-chain resources when Taiwan-side support was insufficient.

DMM Measurement Controller & PCB Process Optimization

Integrated a commercial DMM with ESP32, SCPI, touch UI, a two-layer PCB, and PASS/NG logic; standardized PCB prototyping, inspection, and handover.

Collaborative Robot / Vision Automation

Integrated C# commands, vision correction, QR recognition, conveyor handling, I/O, and PASS/NG routing; standard work time was reduced by approx. 35.9 sec.

TARGET ROLES

Taiwan-based FAE / technical leadership, Pre-sales TPM, Solutions Engineering, or test-equipment integration roles; available for regional and overseas travel.