WASE (CHEN-WEI) FAN

SKILLS
- **ERP systems**: Microsoft Dynamics NAV, SAP
- **PLM systems**: Oracle Agile PLM
- **Testing equipment:** NSI 2000 Chamber, Network Analyzer, Spectrum Analyzer
- **Programming Languages:** HFSS, ADS, Microwave Office, C++, Matlab
- **Tools**: Notion, Microsoft Excel, Jira, Confluence, Slack

WORK EXPERIENCE

Monarch Tractor   Livermore, California
Technical Program Manager   September 2023- Present
- Release new version with **90% of issues resolved within 4 months**, by leading cross-functional team scrums involving R&D, testing, procurement, and operations to drive software-hardware integration efforts across the organization, coordinating verification test plans to align all stakeholders.
- Implemented **20+ new features** to system including PCBAs, firmware and software into new product, by prioritizing tasks within subsystem to achieve overall product requirements, staying in line with top-level program plan with C-suite to escalate risks and allocate resources for the engineering team.

Taiwanese American Junior Chamber of Commerce Northern California   May 2021-April 2023
President   San Jose, California

AMPRO ADLINK Technology, Inc.   San Jose, California
Technical Program Manager   January 2020- April 2023
- **Unblocked multi-million-dollar backlog shipments**, by leading bug scrub meetings with **over 5 global engineering teams** to identify and resolve issues, providing work-around for customers.
- Improved **project winning rate by 80%**, by collaborating with worldwide suppliers to ensure timely delivery of components in ERP system to provide prototype samples to end customers.
- Resolved supply chain issues and **avoided 1-year delay of delivery**, by identifying substitution parts to keep PCBA release dates, setting milestones and schedule, leading discussions with engineering teams, supply chains, and customers.
- Created Statements of Work and product specifications for **30+ projects**, by managing project dependencies, negotiating parallel activities to optimize project execution, streamlining technical information across hardware, software, and mechanical teams during NPI stage, applying a strong understanding of hardware/software bring-up in distributed systems.

Advantech   Irvine, California
Application Engineer   December 2016 – January 2020
- Renewed **40-million-dollar project**, by using Eight Disciplines Problem Solving method to help a customer reproduce several serious problems.
- Boosted **sales leads by 130%**, by designing user scenarios with the marketing team for trade shows, assisting sales team with technical questions and providing live demos to customers.
- **Speed-up development schedule by 50%** and eventually won customer over, by leading technical discussions with customers to collect required information for R&D team to avoid resource waste.

EDUCATION
Westcliff University   Irvine, CA
Master of Computer Science, Emphasis: Data Analytics   Present
University of Southern California   Los Angeles, CA
Master of Electrical Engineering, Emphasis: Electromagnetic Engineering   Jul 2015