Yu-Shun Hsiao

Master of Science
Electrical Engineering

Contact Info

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Experience

Product Manager - Supermicro Computer
High-performance servers, storage systems, and IT infrastructure solutions
Jan 2025~

- Lead the design, development, and production of high-performance cable products, ensuring alignment with data center and HPC industry standards.
- Collaborate with engineering and manufacturing teams to deliver cost-effective, technically accurate, and high-quality cable solutions.
- Provide technical expertise to sales teams and customers, addressing complex inquiries and ensuring seamless product integration.

Field Application Engineer/ PM - JPC Connectivity
Producer of electronic and fiber optic connectors, cables, and interconnect systems.
Dec 2023 ~ Jan 2025

- Successfully managed and maintained relationships with key accounts such as **Meta**, **Nvidia**, and **Arista**, ensuring high levels of customer satisfaction.
- Provide expert technical support to customers, addressing and **resolving complex technical inquiries** and issues related to connectivity solutions.
- Work closely with customers to understand their technical needs, delivering **customized connectivity solutions** that enhance performance and reliability.

Maintenance Assistant Engineer- BitCruiser Incorporated
After-sale service(Repair & Maintain) for major computer companies.
June 2023 to Sep 2023

- Failure analysis for the Miner product using software
- Miner product repair and maintenance
- Miner product received and delivered

Power Engineer Intern- Veolia Corporation
Top transnational company in Europe focuses on energy services.
July 2022 to Aug 2022 (2 months)

- Worked at Solar and Thermal Power plant
- Failure analysis for the furnace operation
- Power Protection Circuit Analysis and Simulation

Education

Cal Poly University
Sep 2021 - June 2023
Master's Degree in Electrical and Electronic Engineering
- Thesis: Linear Induction Motor Design and Application
- Analog Design, Remote Sensing, PCB design
- Power Electronic, Power Protection System

Penn State University
Aug 2017 - May 2021
Bachelor's Degree in Electrical and Electronic Engineering
- Energy Systems, Electromagnetics
- FPGA, Control System, Circuit Design
- Computer Vision, Digital Design
- Semiconductor Fabrication Process

Skills

- Mandarin
- C/C++
- Python
- Matlab
- SolidWork
- ETap
- KiCAD
- Semiconductor Fabrication
- Power System
- Single- Line Diagram
- Leadership
- Team Communcation

Project

Solar panel DC/DC converter
Designing and building PCB broad convert solar energy to electric energy

Induction Motor Application
Improving the efficiency of the induction motor and designing different application

Honor and Scholarship

Capstone Project Silver Award
Acdamic Scholarship(Science)
Acdamic Scholarship(Basketball)

Leadership Experience

Thesis project team leader
Internship team leader (Veolia)
Culture Club President
Club Basketball Assistant Coach

Volunteer Work

Volunteer English Teacher
Waker Children's Foundation
Nepal, Cambodia

English Translater
American Institute in Taiwan