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## Highlights

- Broad mechanical engineering background and practice experience in manufacturing
- High responsibility and self-motivation

## Education

- **University of Cincinnati, USA** Jan. 2018 - Present  
Graduate Research Assistant  
PHD candidate in Mechanical Engineering  
Advisor: Prof. Jay Lee
- **National Chiao Tung University, Taiwan** Sep. 2012 - Jun. 2014  
MS in Mechanical Engineering  
Advisor: Prof. Wei-Hua Chieng
- **National Sun Yat-Sen University, Taiwan** Sep. 2008 - Jun. 2012  
BS in Mechanical Engineering

## Research Experiences

- **AUO Project** Jan. 2020 – Present  
Research of robotic arms and pump
- **UMC Project** Apr. 2020 - Present  
Research of VM system
- **NCKU Ship Project** Dec. 2018 - Dec. 2019  
Research of fuel consumption in ship
- **Foxconn Lens Project** Jun. 2018 - Jul. 2020  
Visualization of pairing strategy and data analytics tool  
Injection molding simulation
- **Daikin VRV system** Apr. 2018 - Aug. 2018  
Feasibility study of VRV system

## Work Experiences

- **University of Cincinnati, USA** Jun. 2018 - Present  
Graduate Research Assistant in IMS Center
- **AU Optronics** Sep. 2020 - Present  
Internship for PHM research of robotic arms
- **Power Solutions International, USA** Jul. 2019 - Oct. 2019  
Internship for PMH research of commercial engine
- **Hon Hai Precision/ Foxconn Technology Groups** Dec. 2014 - Jan. 2018  
Mechanical Engineer at Printer Design Center



## Special Skills

- **Programming**  
Matlab, Python
- **Others**  
Modex3D, Solidworks, Office, LaTeX, Mathematica