

Chi Ming Wang

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Contact Number: (703)389-5984

Professional Summary

- Focus on innovation and business through Northwestern's Master of Engineering Management program and my product development work experience.
- Exceptional electrical engineer with a diverse technical background in telecommunications
- Expert in full product development life cycle, from inception to product launch
- Team leader and project manager for new products
- Interfaces with customers, management, and cross-functional team

Experience

CommScope

Electrical Engineer III (Dec. 2013-Present)

- Led cross-functional teams to develop new product lines for new markets and key customers.
- Advised customers, determined pain points, and presented solutions to develop new business.
- Managed projects to maintain delivery dates by collaborating with operations, planning, and sales, while winning management support.
- Brainstormed, conceptualized, and patented innovations to reduce cost, improve reliability, decrease installation time, and differentiate the product line.
- Transformed concepts into easily customizable product platforms to meet multiple customers' systems specifications.
- Evaluated new product viability by estimating CAPEX, unit costs, and resource requirements.
- Conducted DFMEAs and PFMEAs on new products to reduce design and manufacturing risk.
- Analyzed and selected materials for performance, availability, and cost for global production.
- Created test criteria, plans, and fixtures for multiple products to simulate outdoor performance over their expected lifespans and reviewed test data.

Electrical Engineer II (Product Development) (Sept. 2012 – Dec. 2013)

- Developed new products and resolved pre-existing design and process issues.

Electrical Engineer II (Rotational Program) (Sept. 2010 – Sept. 2012)

- Rotated in Project Management, Firmware & Hardware Development, Quality, and Procurement.

Education

Master of Engineering Management (Expected Graduation: May 2017)

- Concentrations: Design & Innovation, Project & Process Management

Northwestern University

Master of Science in Electrical Engineering (May 2008)

University of Illinois at Urbana-Champaign

Bachelor of Science in Electrical Engineering (December 2006)

University of Illinois at Urbana-Champaign

Expertise

Wireless Telecommunications, Fiber Optic/Power/Hybrid Connectors and Cables, Power Distribution, Outdoor Products, Enclosures, Optical/Electrical/Environmental Testing, Plastics, Adhesives, Fiber Shelves, PCBs, Antennas, Sensors

Skills

3D CAD (SolidWorks), @RISK, MATLAB, Mathematica, Excel, DxDesigner, PADS, C++, VB, and LabVIEW