

PETER LIN

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SUMMARY OF QUALIFICATIONS

Experienced and results-driven engineer with proven problem solving ability in diverse industries. Demonstrated success in leading cross-functional projects by collaboratively working in teams. Expert in identification and resolution of issues. Adept at effectively communicating and presenting complex ideas in simple terms.

EXPERIENCE

XYZ Tire & Rubber Co., Columbus, OH

Senior Engineer, Jan. 20xx – Present

- Develop and innovate high-strength lightweight materials to improve tire performance.
- Lead product development projects from concept, testing, and design review to industrialization.
- Conduct physical testing of tire reinforcement materials.
- Analyze potential risks and failures to create and follow corrective/preventive actions.
- Research and perform competitor and industry trend analysis.

Accomplishments:

- Introduced new belt material for MRT tires resulting in \$6.4M annual material savings.
- Reprogrammed control systems to improve accuracy in carbon black delivery system by 19%.
- Led project on redesign of steel belt extruder die leading to \$700K/year productivity savings.

BC & DC, South Brunswick, NJ

Mechanical Engineer, June 20xx – Dec. 20xx

- Designed HVAC, plumbing and fire protection systems for aseptic, process and general use facilities in pharmaceutical and biotech buildings.
- Performed code reviews of company, state, international, and insurer codes to determine design criteria and identify design restrictions.
- Created cost estimates, review packages, and basis of design packages for client approval and use in facility construction.
- Visited existing facilities to document layout, equipment, and designs, and incorporated the necessary information into future design.
- Oversaw on-site contractor work during construction to ensure adherence to contract drawings.

Engineering Research Center, Rutgers University

Research Assistant, Sept. 20xx – May 20xx

- Improved the touch feedback of a rehabilitation system by adding wrist-tapping mechanisms to localize guidance.
- Published a technical paper titled “Assisted Golf Putting Through a Planar Four-Cable System.”

TECHNICAL SKILLS

C Programming
Labview
Linux/Unix

Matlab
Pro/ENGINEER Wildfire
Maple

SAP GUI
Solidworks

EDUCATION

M.S. in Mechanical Engineering, May 20xx
Rutgers University, New Brunswick, NJ

B.S. in Mechanical Engineering, May 20xx
China Institute of Technology, Beijing, China