

CAROL M. POWERS

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Skilled and Versatile Industrial Engineer
Creative & Strategic Problem Solving ↻ Decision Making ↻ Innovation

A highly self-motivated and results-oriented Industrial Engineer graduate seeking a challenging Engineering Internship in an industrial or manufacturing setting in order to gain valuable professional experience, build a diverse skill set, and obtain meaningful long term employment.

Core Competencies

Automated Systems • Quality Control • Documentation • Meter Testing • Research • Engineering Design

Engineering Expertise

- ↻ **Automation & Robotics Project** – Successfully set up and performed an automated production line for filling, assembling, and packaging spray paint cans using 4 robots.
- ↻ **Advanced Engineering Courses** – Successfully completed and mastered these courses:
CAD/CAM ♦ Operations Research ♦ Engineering Economic Analysis ♦ OSHA & Other Regulatory Standards ♦ Manufacturing Systems Integration ♦ Production & Operations Management
- ↻ **B. Science, Industrial Engineering** – Graduated in 2011, University of Minnesota, Duluth with a major in Automated Systems and minor in Mathematics, GPA: 3.4/4.0

Professional Experience

Quality Control Technician Guided Illustration Corporation, Minneapolis, MN 2009–Present

- Made quarterly adjustments to computerized and hard copy document and files; executed quarterly product quantity adjustments to facilitate enhanced quality control
- Designed and produced 3 elaborate and detailed catalog price lists to promote customer service

Testing Engineer Intern Quiet City Power Company, Minneapolis, MN 2008

- Accurately documented testing procedures at the Cedar Ridge Nuclear Power Plant
- Recorded installation procedures for various meters, contributing to organizational efficiency
- Thoroughly researched properties of electricity and implemented corrective measures regarding meter functions and readings, contributing to 30% increased solutions effectiveness
- Worked in Warehouse Department and tested meters before installation, ensuring accuracy

Teaching Assistant Dept. of Mathematics & Statistics, U. of Minnesota, Duluth 2007–2008

- Evaluated assignments in math courses: Algebra, Trigonometry, Calculus, Probability, and Statistics
- Tutored college students in various mathematics courses, which resulted in 30% grade improvement

Leadership Development

Treasurer – Institute of Industrial Engineers, Student Chapter

—References Available Upon Request—